

Table L-1. Summary statistics for ammonia concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.010	0.010						< 0.010		U
CBX	1	0%	0.010	0.010						< 0.010		U
RB111	2	0%	0.010	0.010						< 0.010		U
RB202	2	0%	0.010	0.010						< 0.010		U
AG174	2	100%	0.010	0.010	0.019	0.019	0.018			0.020		
AGG	2	100%	0.010	0.010	0.018	0.018	0.017			0.018		
FB200	2	50%	0.010	0.010	0.018	0.018	0.005			0.031		E
FB203	2	0%	0.010	0.010						< 0.010		U
All Snohomish CB Locations	3	0%	0.010	0.010						< 0.010		U
All Snohomish RB Locations	4	0%	0.010	0.010						< 0.010		U
All Snohomish AG Locations	4	100%	0.010	0.010	0.018	0.018	0.017	0.018	0.019	0.020	0.002	
All Snohomish FB Locations	4	25%	0.010	0.010	0.012	0.005	0.005	0.005	0.018	0.031	0.013	E
All Snohomish Locations	15	33%	0.010	0.010	0.010	0.005	0.005	0.005	0.018	0.031	0.013	E
Puyallup Watershed												
CBA	2	100%	0.010	0.010	0.041	0.041	0.017			0.064		
CBB	1	100%	0.010	0.010		0.032						
RB53	2	100%	0.010	0.010	0.024	0.024	0.018			0.031		
RB209	2	0%	0.010	0.010						< 0.010		U
AG143	2	100%	0.010	0.010	0.056	0.056	0.029			0.083		
AG62	2	50%	0.010	0.010	0.014	0.014	0.005			0.024		E
FB130	2	50%	0.010	0.010	0.009	0.009	0.005			0.013		E
FB372	2	0%	0.010	0.010						< 0.010		U
All Puyallup CB Locations	3	100%	0.010	0.010	0.038	0.032	0.017	0.021	0.056	0.064	0.035	
All Puyallup RB Locations	4	50%	0.010	0.010	0.015	0.011	0.005	0.005	0.024	0.031	0.020	E
All Puyallup AG Locations	4	75%	0.010	0.010	0.035	0.026	0.005	0.014	0.056	0.083	0.041	
All Puyallup FB Locations	4	25%	0.010	0.010	0.007	0.005	0.005	0.005	0.009	0.013	0.004	E
All Puyallup Locations	15	60%	0.010	0.010	0.023	0.017	0.005	0.005	0.031	0.083	0.025	
All Monitoring Locations Combined												
All CB Locations	6	50%	0.010	0.010	0.021	0.011	0.005	0.005	0.032	0.064	0.027	E
All RB Locations	8	25%	0.010	0.010	0.010	0.005	0.005	0.005	0.011	0.031	0.007	E
All AG Locations	8	88%	0.010	0.010	0.027	0.019	0.005	0.018	0.026	0.083	0.009	
All FB Locations	8	25%	0.010	0.010	0.009	0.005	0.005	0.005	0.009	0.031	0.004	E
All Locations	30	47%	0.010	0.010	0.016	0.005	0.005	0.005	0.020	0.083	0.015	E

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-1. Summary statistics for ammonia concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.010	0.010	0.031	0.031	0.005	0.016	0.049	0.053	0.033	
CBX	6	67%	0.010	0.010	0.015	0.017	0.005	0.005	0.023	0.023	0.018	
RB111	6	83%	0.010	0.010	0.027	0.015	0.005	0.010	0.020	0.099	0.010	
RB202	6	17%	0.010	0.010	0.009	0.005	0.005	0.005	0.005	0.027	0.000	E
AG174	6	100%	0.010	0.010	0.036	0.034	0.018	0.032	0.040	0.057	0.008	
AGG	6	100%	0.010	0.010	0.044	0.044	0.029	0.033	0.055	0.057	0.022	
FB200	6	0%	0.010	0.010						< 0.010		U
FB203	6	0%	0.010	0.010						< 0.010		U
All Snohomish CB Locations	12	75%	0.010	0.010	0.023	0.022	0.005	0.009	0.031	0.053	0.022	
All Snohomish RB Locations	12	50%	0.010	0.010	0.018	0.007	0.005	0.005	0.018	0.099	0.013	E
All Snohomish AG Locations	12	100%	0.010	0.010	0.040	0.038	0.018	0.032	0.051	0.057	0.019	
All Snohomish FB Locations	12	0%	0.010	0.010						< 0.010		U
All Snohomish Locations	48	56%	0.010	0.010	0.021	0.015	0.005	0.005	0.032	0.099	0.027	
Puyallup Watershed												
CBA	6	100%	0.010	0.010	0.061	0.036	0.022	0.025	0.054	0.192	0.029	
CBB	6	83%	0.010	0.010	0.052	0.021	0.005	0.017	0.023	0.229	0.006	
RB53	6	83%	0.010	0.010	0.048	0.019	0.005	0.012	0.021	0.210	0.009	
RB209	6	33%	0.010	0.010	0.014	0.005	0.005	0.005	0.026	0.037	0.021	E
AG143	6	100%	0.010	0.010	0.211	0.142	0.030	0.103	0.374	0.473	0.271	
AG62	6	100%	0.010	0.010	0.073	0.038	0.021	0.022	0.053	0.270	0.031	
FB130	6	67%	0.010	0.010	0.019	0.016	0.005	0.005	0.022	0.046	0.017	
FB372	6	17%	0.010	0.010	0.007	0.005	0.005	0.005	0.005	0.017	0.000	E
All Puyallup CB Locations	12	92%	0.010	0.010	0.057	0.024	0.005	0.021	0.047	0.229	0.026	
All Puyallup RB Locations	12	58%	0.010	0.010	0.031	0.015	0.005	0.005	0.023	0.210	0.019	
All Puyallup AG Locations	12	100%	0.010	0.010	0.142	0.078	0.021	0.029	0.210	0.473	0.181	
All Puyallup FB Locations	12	42%	0.010	0.010	0.013	0.005	0.005	0.005	0.018	0.046	0.013	E
All Puyallup Locations	48	73%	0.010	0.010	0.061	0.021	0.005	0.005	0.046	0.473	0.041	
All Monitoring Locations Combined												
All CB Locations	24	83%	0.010	0.010	0.040	0.023	0.005	0.016	0.036	0.229	0.020	
All RB Locations	24	54%	0.010	0.010	0.024	0.011	0.005	0.005	0.021	0.210	0.016	
All AG Locations	24	100%	0.010	0.010	0.091	0.044	0.018	0.031	0.080	0.473	0.049	
All FB Locations	24	21%	0.010	0.010	0.009	0.005	0.005	0.005	0.005	0.046	0.000	E
All Locations	96	65%	0.010	0.010	0.041	0.021	0.005	0.005	0.036	0.473	0.032	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-2. Summary statistics for dissolved organic carbon concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	1.0	1.0	1.9	1.9	1.5			2.2		
CBX	1	100%	1.0	1.0		4.4						
RB111	2	100%	1.0	1.0	5.7	5.7	5.4			5.9		
RB202	2	100%	1.0	1.0	3.0	3.0	3.0			3.0		
AG174	2	100%	1.0	1.0	6.6	6.6	5.7			7.5		
AGG	2	100%	1.0	1.0	8.6	8.6	7.8			9.3		
FB200	2	100%	1.0	1.0	2.7	2.7	2.3			3.0		
FB203	2	100%	1.0	1.0	1.8	1.8	1.7			1.9		
All Snohomish CB Locations	3	100%	1.0	1.0	2.7	2.2	1.5	1.7	3.8	4.4	2.2	
All Snohomish RB Locations	4	100%	1.0	1.0	4.3	4.2	3.0	3.0	5.7	5.9	2.7	
All Snohomish AG Locations	4	100%	1.0	1.0	7.6	7.7	5.7	6.6	8.6	9.3	2.0	
All Snohomish FB Locations	4	100%	1.0	1.0	2.2	2.1	1.7	1.8	2.7	3.0	0.9	
All Snomomish Locations	15	100%	1.0	1.0	4.3	3.0	1.5	2.2	5.8	9.3	3.6	
Puyallup Watershed												
CBA	2	100%	1.0	1.0	11.1	11.1	10.7			11.5		
CBB	1	100%	1.0	1.0		5.2						
RB53	2	100%	1.0	1.0	2.8	2.8	2.4			3.1		
RB209	2	100%	1.0	1.0	1.0	1.0	1.0			1.1		
AG143	2	100%	1.0	1.0	23.0	23.0	19.9			26.1		
AG62	2	100%	1.0	1.0	7.9	7.9	7.1			8.8		
FB130	2	100%	1.0	1.0	2.7	2.7	2.2			3.2		
FB372	2	100%	1.0	1.0	4.9	4.9	3.4			6.4		
All Puyallup CB Locations	3	100%	1.0	1.0	9.1	10.7	5.2	6.6	11.3	11.5	4.7	
All Puyallup RB Locations	4	100%	1.0	1.0	1.9	1.8	1.0	1.0	2.8	3.1	1.7	
All Puyallup AG Locations	4	100%	1.0	1.0	15.5	14.4	7.1	7.9	23.0	26.1	15.1	
All Puyallup FB Locations	4	100%	1.0	1.0	3.8	3.3	2.2	2.7	4.9	6.4	2.2	
All Puyallup Locations	15	100%	1.0	1.0	7.5	5.2	1.0	2.6	10.2	26.1	7.7	
All Monitoring Locations Combined												
All CB Locations	6	100%	1.0	1.0	5.9	4.8	1.5	2.2	10.7	11.5	8.5	
All RB Locations	8	100%	1.0	1.0	3.1	3.0	1.0	1.8	4.2	5.9	2.5	
All AG Locations	8	100%	1.0	1.0	11.5	8.3	5.7	7.3	14.6	26.1	7.3	
All FB Locations	8	100%	1.0	1.0	3.0	2.7	1.7	2.0	3.3	6.4	1.2	
All Locations	30	100%	1.0	1.0	5.9	3.9	1.0	2.3	7.5	26.1	5.2	

mg/L = milligrams per liter

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Non-detect frequency flag

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CB: commercial/industrial basin

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Table L-2. Summary statistics for dissolved organic carbon concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	1.0	1.0	2.3	2.2	1.3	1.9	2.7	3.7	0.8	
CBX	6	100%	1.0	1.0	4.1	4.3	3.0	3.4	4.5	5.0	1.1	
RB111	6	100%	1.0	1.0	7.2	7.9	5.4	5.7	8.0	8.1	2.3	
RB202	6	100%	1.0	1.0	6.3	6.4	5.4	5.4	6.8	7.6	1.4	
AG174	6	100%	1.0	1.0	11.5	11.1	9.8	10.1	12.5	14.2	2.4	
AGG	6	100%	1.0	1.0	9.7	8.9	8.7	8.7	10.8	12.5	2.1	
FB200	6	100%	1.0	1.0	2.9	2.7	2.2	2.3	2.9	4.4	0.6	
FB203	6	100%	1.0	1.0	2.9	2.7	2.2	2.2	3.4	4.2	1.2	
All Snohomish CB Locations	12	100%	1.0	1.0	3.2	3.2	1.3	2.2	4.3	5.0	2.2	
All Snohomish RB Locations	12	100%	1.0	1.0	6.7	6.8	5.4	5.6	7.9	8.1	2.3	
All Snohomish AG Locations	12	100%	1.0	1.0	10.6	10.4	8.7	8.9	12.1	14.2	3.2	
All Snohomish FB Locations	12	100%	1.0	1.0	2.9	2.7	2.2	2.2	3.2	4.4	0.9	
All Snomomish Locations	48	100%	1.0	1.0	5.9	5.2	1.3	2.8	8.4	14.2	5.6	
Puyallup Watershed												
CBA	6	100%	1.0	1.0	5.5	5.1	2.7	3.7	6.4	9.9	2.7	
CBB	6	100%	1.0	1.0	4.1	4.2	2.0	3.7	4.4	6.2	0.7	
RB53	6	100%	1.0	1.0	7.7	6.7	6.2	6.3	10.1	10.3	3.8	
RB209	6	100%	1.0	1.0	2.5	2.5	1.9	1.9	3.0	3.1	1.1	
AG143	6	100%	1.0	1.0	20.4	19.5	18.3	18.7	21.6	24.5	2.9	
AG62	6	100%	1.0	1.0	11.2	10.7	9.1	10.0	11.9	14.7	1.9	
FB130	6	100%	1.0	1.0	2.1	2.2	1.3	1.8	2.4	2.6	0.6	
FB372	6	100%	1.0	1.0	10.3	10.8	3.9	6.2	14.6	15.7	8.4	
All Puyallup CB Locations	12	100%	1.0	1.0	4.8	4.4	2.0	3.7	6.0	9.9	2.3	
All Puyallup RB Locations	12	100%	1.0	1.0	5.1	4.6	1.9	2.5	6.7	10.3	4.2	
All Puyallup AG Locations	12	100%	1.0	1.0	15.8	16.5	9.1	10.7	19.5	24.5	8.9	
All Puyallup FB Locations	12	100%	1.0	1.0	6.2	3.2	1.3	2.2	10.8	15.7	8.6	
All Puyallup Locations	48	100%	1.0	1.0	8.0	6.2	1.3	2.8	10.8	24.5	7.9	
All Monitoring Locations Combined												
All CB Locations	24	100%	1.0	1.0	4.0	3.9	1.3	2.7	4.4	9.9	1.8	
All RB Locations	24	100%	1.0	1.0	5.9	6.2	1.9	4.2	7.7	10.3	3.5	
All AG Locations	24	100%	1.0	1.0	13.2	11.4	8.7	9.9	16.5	24.5	6.6	
All FB Locations	24	100%	1.0	1.0	4.5	2.7	1.3	2.2	4.3	15.7	2.0	
All Locations	96	100%	1.0	1.0	6.9	5.6	1.3	2.8	9.9	24.5	7.0	

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n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

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Table L-3. Summary statistics for hardness as CaCO3 concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	0.60	1.50	104.40	104.40	95.80			113.00		
CBX	1	100%	0.30	0.30		76.50						
RB111	2	100%	0.30	0.30	59.50	59.50	53.50			65.50		
RB202	2	100%	0.30	0.30	46.60	46.60	41.60			51.60		
AG174	2	100%	0.30	0.30	66.35	66.35	61.50			71.20		
AGG	2	100%	0.30	0.30	67.65	67.65	66.10			69.20		
FB200	2	100%	0.30	0.30	12.48	12.48	9.96			15.00		
FB203	2	100%	0.30	0.30	21.00	21.00	19.10			22.90		
All Snohomish CB Locations	3	100%	0.30	1.50	95.10	95.80	76.50	81.33	108.70	113.00	27.37	
All Snohomish RB Locations	4	100%	0.30	0.30	53.05	52.55	41.60	46.60	59.50	65.50	12.90	
All Snohomish AG Locations	4	100%	0.30	0.30	67.00	67.65	61.50	63.80	70.20	71.20	6.40	
All Snohomish FB Locations	4	100%	0.30	0.30	16.74	17.05	9.96	12.48	21.00	22.90	8.52	
All Snomomish Locations	15	100%	0.30	1.50	55.50	61.50	9.96	27.57	70.70	113.00	43.12	
Puyallup Watershed												
CBA	2	100%	0.30	0.30	76.80	76.80	76.70			76.90		
CBB	1	100%	0.30	0.30		24.80						
RB53	2	100%	0.30	0.30	85.30	85.30	71.20			99.40		
RB209	2	100%	0.30	0.60	96.00	96.00	93.10			98.90		
AG143	2	100%	0.30	0.30	70.35	70.35	66.30			74.40		
AG62	2	100%	0.30	0.30	58.75	58.75	51.70			65.80		
FB130	2	100%	0.30	0.30	22.35	22.35	22.10			22.60		
FB372	2	100%	0.30	0.30	40.15	40.15	32.90			47.40		
All Puyallup CB Locations	3	100%	0.30	0.30	59.47	76.70	24.80	37.77	76.85	76.90	39.08	
All Puyallup RB Locations	4	100%	0.30	0.60	90.65	96.00	71.20	82.15	99.15	99.40	17.00	
All Puyallup AG Locations	4	100%	0.30	0.30	64.55	66.05	51.70	58.75	70.35	74.40	11.60	
All Puyallup FB Locations	4	100%	0.30	0.30	31.25	27.75	22.10	22.35	40.15	47.40	17.80	
All Puyallup Locations	15	100%	0.30	0.60	61.61	66.30	22.10	36.53	76.85	99.40	40.33	
All Monitoring Locations Combined												
All CB Locations	6	100%	0.30	1.50	77.28	76.80	24.80	76.50	95.80	113.00	19.30	
All RB Locations	8	100%	0.30	0.60	71.85	68.35	41.60	52.55	96.00	99.40	43.45	
All AG Locations	8	100%	0.30	0.30	65.78	66.20	51.70	63.65	70.20	74.40	6.55	
All FB Locations	8	100%	0.30	0.30	23.99	22.35	9.96	17.05	27.90	47.40	10.85	
All Locations	30	100%	0.30	1.50	58.56	65.65	9.96	32.90	76.50	113.00	43.60	

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CB: commercial/industrial basin

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Table L-3. Summary statistics for hardness as CaCO3 concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.30	0.30	21.02	18.45	10.60	14.80	20.50	43.30	5.70	
CBX	6	100%	0.30	0.30	32.57	32.15	20.20	26.10	35.90	48.90	9.80	
RB111	6	100%	0.30	0.30	49.30	47.25	44.30	46.20	49.50	61.30	3.30	
RB202	6	100%	0.30	0.30	34.63	34.20	29.50	30.50	35.60	43.80	5.10	
AG174	6	100%	0.30	0.30	59.93	58.75	54.20	55.60	61.40	70.90	5.80	
AGG	6	100%	0.30	0.30	50.80	48.40	36.10	37.40	62.80	71.70	25.40	
FB200	6	100%	0.30	0.30	11.16	9.88	8.93	9.00	10.40	18.90	1.40	
FB203	6	100%	0.30	0.30	19.30	18.05	15.60	17.70	19.10	27.30	1.40	
All Snohomish CB Locations	12	100%	0.30	0.30	26.79	23.30	10.60	18.45	35.40	48.90	16.95	
All Snohomish RB Locations	12	100%	0.30	0.30	41.97	44.05	29.50	34.20	47.25	61.30	13.05	
All Snohomish AG Locations	12	100%	0.30	0.30	55.37	56.85	36.10	47.75	62.10	71.70	14.35	
All Snohomish FB Locations	12	100%	0.30	0.30	15.23	16.65	8.93	9.88	18.60	27.30	8.73	
All Snomomish Locations	48	100%	0.30	0.30	34.84	34.55	8.93	18.60	48.35	71.70	29.75	
Puyallup Watershed												
CBA	6	100%	0.30	0.30	30.82	32.65	8.61	19.60	40.10	51.30	20.50	
CBB	6	100%	0.30	0.30	16.94	15.90	7.17	13.20	24.00	25.50	10.80	
RB53	6	100%	0.30	0.30	46.53	40.55	31.30	37.70	61.70	67.40	24.00	
RB209	6	100%	0.30	0.30	84.12	88.90	55.00	85.30	91.80	94.80	6.50	
AG143	6	100%	0.30	0.30	87.97	71.50	51.80	67.00	126.00	140.00	59.00	
AG62	6	100%	0.30	0.30	45.20	47.40	35.60	42.40	47.50	50.90	5.10	
FB130	6	100%	0.30	0.30	26.22	25.85	21.90	23.30	29.50	30.90	6.20	
FB372	6	100%	0.30	0.30	29.53	28.70	19.80	22.80	36.50	40.70	13.70	
All Puyallup CB Locations	12	100%	0.30	0.30	23.88	21.80	7.17	13.30	32.65	51.30	19.35	
All Puyallup RB Locations	12	100%	0.30	0.30	65.32	64.55	31.30	40.55	88.90	94.80	48.35	
All Puyallup AG Locations	12	100%	0.30	0.30	66.58	51.35	35.60	47.40	71.50	140.00	24.10	
All Puyallup FB Locations	12	100%	0.30	0.30	27.88	27.65	19.80	23.05	30.60	40.70	7.55	
All Puyallup Locations	48	100%	0.30	0.30	45.92	39.05	7.17	24.75	58.35	140.00	33.60	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.30	0.30	25.34	22.25	7.17	16.40	35.40	51.30	19.00	
All RB Locations	24	100%	0.30	0.30	53.65	46.45	29.50	36.65	64.55	94.80	27.90	
All AG Locations	24	100%	0.30	0.30	60.97	55.55	35.60	47.40	67.45	140.00	20.05	
All FB Locations	24	100%	0.30	0.30	21.55	20.85	8.93	16.65	27.75	40.70	11.10	
All Locations	96	100%	0.30	0.30	40.38	36.00	7.17	21.20	51.55	140.00	30.35	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-4. Summary statistics for nitrate-nitrite as N concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	0.010	0.010	0.916	0.916	0.897			0.935		
CBX	1	100%	0.010	0.010		0.026						
RB111	2	100%	0.010	0.010	0.775	0.775	0.708			0.843		
RB202	2	100%	0.010	0.010	1.275	1.275	1.150			1.400		
AG174	2	100%	0.010	0.010	0.410	0.410	0.350			0.470		
AGG	2	100%	0.010	0.010	0.193	0.193	0.120			0.267		
FB200	2	100%	0.010	0.010	0.060	0.060	0.018			0.103		
FB203	2	100%	0.010	0.010	0.101	0.101	0.076			0.125		
All Snohomish CB Locations	3	100%	0.010	0.010	0.619	0.897	0.026	0.244	0.925	0.935	0.682	
All Snohomish RB Locations	4	100%	0.010	0.010	1.025	0.997	0.708	0.775	1.275	1.400	0.500	
All Snohomish AG Locations	4	100%	0.010	0.010	0.302	0.308	0.120	0.193	0.410	0.470	0.216	
All Snohomish FB Locations	4	100%	0.010	0.010	0.080	0.089	0.018	0.047	0.114	0.125	0.067	
All Snomomish Locations	15	100%	0.010	0.010	0.499	0.350	0.018	0.107	0.884	1.400	0.776	
Puyallup Watershed												
CBA	2	100%	0.010	0.010	0.230	0.230	0.202			0.258		
CBB	1	100%	0.010	0.010		0.043						
RB53	2	100%	0.010	0.010	0.870	0.870	0.835			0.905		
RB209	2	100%	0.050	0.100	4.670	4.670	4.180			5.160		
AG143	2	100%	0.010	0.010	0.076	0.076	0.045			0.107		
AG62	2	100%	0.010	0.010	0.278	0.278	0.166			0.390		
FB130	2	100%	0.010	0.010	0.050	0.050	0.040			0.060		
FB372	2	100%	0.010	0.010	0.770	0.770	0.509			1.030		
All Puyallup CB Locations	3	100%	0.010	0.010	0.168	0.202	0.043	0.083	0.244	0.258	0.161	
All Puyallup RB Locations	4	100%	0.010	0.100	2.770	2.543	0.835	0.870	4.670	5.160	3.800	
All Puyallup AG Locations	4	100%	0.010	0.010	0.177	0.137	0.045	0.076	0.278	0.390	0.202	
All Puyallup FB Locations	4	100%	0.010	0.010	0.410	0.285	0.040	0.050	0.770	1.030	0.720	
All Puyallup Locations	15	100%	0.010	0.100	0.929	0.258	0.040	0.072	0.887	5.160	0.816	
All Monitoring Locations Combined												
All CB Locations	6	100%	0.010	0.010	0.394	0.230	0.026	0.043	0.897	0.935	0.854	
All RB Locations	8	100%	0.010	0.100	1.898	1.027	0.708	0.839	2.790	5.160	1.951	
All AG Locations	8	100%	0.010	0.010	0.239	0.216	0.045	0.113	0.370	0.470	0.257	
All FB Locations	8	100%	0.010	0.010	0.245	0.089	0.018	0.050	0.317	1.030	0.267	
All Locations	30	100%	0.010	0.100	0.714	0.308	0.018	0.103	0.897	5.160	0.794	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-4. Summary statistics for nitrate-nitrite as N concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.010	0.010	0.174	0.158	0.105	0.117	0.206	0.303	0.089	
CBX	6	100%	0.010	0.010	0.269	0.275	0.141	0.217	0.342	0.365	0.125	
RB111	6	100%	0.010	0.010	0.954	1.026	0.424	0.518	1.330	1.400	0.812	
RB202	6	100%	0.010	0.010	1.022	0.937	0.826	0.870	1.180	1.380	0.310	
AG174	6	100%	0.010	0.030	1.411	1.190	0.826	1.030	1.840	2.390	0.810	
AGG	6	100%	0.010	0.010	0.416	0.326	0.191	0.244	0.415	0.994	0.171	
FB200	6	100%	0.010	0.010	0.300	0.183	0.039	0.047	0.210	1.140	0.163	
FB203	6	100%	0.010	0.010	0.257	0.264	0.175	0.235	0.292	0.312	0.057	
All Snohomish CB Locations	12	100%	0.010	0.010	0.222	0.211	0.105	0.141	0.299	0.365	0.158	
All Snohomish RB Locations	12	100%	0.010	0.010	0.988	0.937	0.424	0.839	1.265	1.400	0.426	
All Snohomish AG Locations	12	100%	0.010	0.030	0.913	0.910	0.191	0.326	1.190	2.390	0.864	
All Snohomish FB Locations	12	100%	0.010	0.010	0.278	0.222	0.039	0.165	0.286	1.140	0.121	
All Snomomish Locations	48	100%	0.010	0.030	0.600	0.327	0.039	0.210	0.991	2.390	0.781	
Puyallup Watershed												
CBA	6	100%	0.010	0.010	0.231	0.197	0.071	0.122	0.352	0.445	0.230	
CBB	6	100%	0.010	0.010	0.111	0.095	0.044	0.075	0.171	0.186	0.096	
RB53	6	100%	0.010	0.010	0.615	0.589	0.240	0.322	0.951	1.000	0.629	
RB209	6	100%	0.020	0.050	3.172	3.500	2.020	2.390	3.730	3.890	1.340	
AG143	6	100%	0.010	0.200	9.079	7.320	0.060	0.773	17.000	22.000	16.227	
AG62	6	100%	0.010	0.030	1.716	1.785	0.297	0.301	2.600	3.530	2.299	
FB130	6	100%	0.010	0.010	0.099	0.084	0.027	0.051	0.128	0.221	0.077	
FB372	6	100%	0.010	0.010	0.632	0.534	0.258	0.299	1.060	1.110	0.761	
All Puyallup CB Locations	12	100%	0.010	0.010	0.171	0.133	0.044	0.081	0.218	0.445	0.138	
All Puyallup RB Locations	12	100%	0.010	0.050	1.893	1.510	0.240	0.589	3.500	3.890	2.911	
All Puyallup AG Locations	12	100%	0.010	0.200	5.398	2.575	0.060	0.537	7.320	22.000	6.783	
All Puyallup FB Locations	12	100%	0.010	0.010	0.366	0.239	0.027	0.084	0.534	1.110	0.449	
All Puyallup Locations	48	100%	0.010	0.200	1.957	0.385	0.027	0.136	2.205	22.000	2.069	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.010	0.010	0.196	0.174	0.044	0.111	0.275	0.445	0.164	
All RB Locations	24	100%	0.010	0.050	1.441	0.994	0.240	0.742	1.710	3.890	0.968	
All AG Locations	24	100%	0.010	0.200	3.156	1.025	0.060	0.326	2.575	22.000	2.250	
All FB Locations	24	100%	0.010	0.010	0.322	0.228	0.027	0.120	0.306	1.140	0.185	
All Locations	96	100%	0.010	0.200	1.279	0.345	0.027	0.189	1.055	22.000	0.867	

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AG: agricultural basin

FB: forest/field/other basin

Table L-5. Summary statistics for ortho-phosphate concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	0.0030	0.0030	0.0747	0.0747	0.0724			0.0769		
CBX	1	100%	0.0030	0.0030		0.0071						
RB111	2	100%	0.0030	0.0030	0.0127	0.0127	0.0106			0.0149		
RB202	2	100%	0.0030	0.0030	0.0175	0.0175	0.0154			0.0197		
AG174	2	100%	0.0030	0.0030	0.0153	0.0153	0.0146			0.0160		
AGG	2	100%	0.0030	0.0030	0.0309	0.0309	0.0307			0.0312		
FB200	2	0%	0.0030	0.0030						< 0.0030		U
FB203	2	0%	0.0030	0.0030						< 0.0030		U
All Snohomish CB Locations	3	100%	0.0030	0.0030	0.0521	0.0724	0.0071	0.0234	0.0758	0.0769	0.0523	
All Snohomish RB Locations	4	100%	0.0030	0.0030	0.0151	0.0151	0.0106	0.0127	0.0175	0.0197	0.0048	
All Snohomish AG Locations	4	100%	0.0030	0.0030	0.0231	0.0234	0.0146	0.0153	0.0309	0.0312	0.0157	
All Snohomish FB Locations	4	0%	0.0030	0.0030						< 0.0030		U
All Snomomish Locations	15	73%	0.0030	0.0030	0.0210	0.0149	0.0015	0.0029	0.0280	0.0769	0.0250	
Puyallup Watershed												
CBA	2	100%	0.0030	0.0030	0.0202	0.0202	0.0177			0.0227		
CBB	1	100%	0.0030	0.0030		0.0057						
RB53	2	100%	0.0030	0.0030	0.2030	0.2030	0.1100			0.2960		
RB209	2	100%	0.0030	0.0030	0.0294	0.0294	0.0263			0.0324		
AG143	2	100%	0.0030	0.0030	0.0408	0.0408	0.0269			0.0548		
AG62	2	100%	0.0030	0.0030	0.1625	0.1625	0.1420			0.1830		
FB130	2	100%	0.0030	0.0030	0.0076	0.0076	0.0052			0.0099		
FB372	2	100%	0.0030	0.0030	0.0221	0.0221	0.0175			0.0268		
All Puyallup CB Locations	3	100%	0.0030	0.0030	0.0154	0.0177	0.0057	0.0087	0.0214	0.0227	0.0127	
All Puyallup RB Locations	4	100%	0.0030	0.0030	0.1162	0.0712	0.0263	0.0294	0.2030	0.2960	0.1736	
All Puyallup AG Locations	4	100%	0.0030	0.0030	0.1017	0.0984	0.0269	0.0408	0.1625	0.1830	0.1217	
All Puyallup FB Locations	4	100%	0.0030	0.0030	0.0148	0.0137	0.0052	0.0076	0.0221	0.0268	0.0146	
All Puyallup Locations	15	100%	0.0030	0.0030	0.0651	0.0268	0.0052	0.0175	0.0962	0.2960	0.0786	
All Monitoring Locations Combined												
All CB Locations	6	100%	0.0030	0.0030	0.0338	0.0202	0.0057	0.0071	0.0724	0.0769	0.0653	
All RB Locations	8	100%	0.0030	0.0030	0.0657	0.0230	0.0106	0.0151	0.0712	0.2960	0.0560	
All AG Locations	8	100%	0.0030	0.0030	0.0624	0.0309	0.0146	0.0215	0.0984	0.1830	0.0769	
All FB Locations	8	50%	0.0030	0.0030	0.0082	0.0033	0.0015	0.0015	0.0137	0.0268	0.0122	E
All Locations	30	87%	0.0030	0.0030	0.0431	0.0187	0.0015	0.0099	0.0324	0.2960	0.0225	

mg/L = milligrams per liter

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Non-detect frequency flag

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CB: commercial/industrial basin

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AG: agricultural basin

FB: forest/field/other basin

Table L-5. Summary statistics for ortho-phosphate concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.0030	0.0030	0.0137	0.0125	0.0106	0.0112	0.0141	0.0214	0.0029	
CBX	6	100%	0.0030	0.0030	0.0094	0.0086	0.0069	0.0080	0.0098	0.0144	0.0018	
RB111	6	100%	0.0030	0.0030	0.0219	0.0145	0.0099	0.0104	0.0229	0.0593	0.0125	
RB202	6	100%	0.0030	0.0030	0.0139	0.0122	0.0106	0.0107	0.0129	0.0249	0.0022	
AG174	6	100%	0.0030	0.0030	0.0233	0.0213	0.0177	0.0182	0.0264	0.0349	0.0082	
AGG	6	100%	0.0030	0.0030	0.0568	0.0573	0.0184	0.0329	0.0757	0.0994	0.0428	
FB200	6	17%	0.0030	0.0030	0.0025	0.0015	0.0015	0.0015	0.0015	0.0076	0.0000	E
FB203	6	33%	0.0030	0.0030	0.0022	0.0015	0.0015	0.0015	0.0032	0.0042	0.0017	E
All Snohomish CB Locations	12	100%	0.0030	0.0030	0.0115	0.0109	0.0069	0.0086	0.0137	0.0214	0.0051	
All Snohomish RB Locations	12	100%	0.0030	0.0030	0.0179	0.0126	0.0099	0.0106	0.0191	0.0593	0.0084	
All Snohomish AG Locations	12	100%	0.0030	0.0030	0.0400	0.0297	0.0177	0.0186	0.0573	0.0994	0.0387	
All Snohomish FB Locations	12	25%	0.0030	0.0030	0.0024	0.0015	0.0015	0.0015	0.0023	0.0076	0.0009	E
All Snomomish Locations	48	81%	0.0030	0.0030	0.0180	0.0119	0.0015	0.0072	0.0201	0.0994	0.0128	
Puyallup Watershed												
CBA	6	100%	0.0030	0.0030	0.0106	0.0097	0.0078	0.0094	0.0130	0.0140	0.0036	
CBB	6	100%	0.0030	0.0030	0.0113	0.0067	0.0057	0.0058	0.0168	0.0262	0.0110	
RB53	6	100%	0.0030	0.0030	0.1063	0.0675	0.0452	0.0474	0.2040	0.2060	0.1566	
RB209	6	100%	0.0030	0.0030	0.0301	0.0302	0.0237	0.0288	0.0317	0.0357	0.0029	
AG143	6	100%	0.0030	0.0060	0.1610	0.0895	0.0439	0.0592	0.2910	0.3930	0.2318	
AG62	6	100%	0.0030	0.0300	0.3410	0.3410	0.1590	0.1700	0.5050	0.5300	0.3350	
FB130	6	100%	0.0030	0.0030	0.0070	0.0066	0.0055	0.0057	0.0087	0.0087	0.0030	
FB372	6	100%	0.0030	0.0030	0.0203	0.0201	0.0151	0.0179	0.0242	0.0247	0.0063	
All Puyallup CB Locations	12	100%	0.0030	0.0030	0.0110	0.0094	0.0057	0.0067	0.0135	0.0262	0.0068	
All Puyallup RB Locations	12	100%	0.0030	0.0030	0.0682	0.0404	0.0237	0.0302	0.0675	0.2060	0.0373	
All Puyallup AG Locations	12	100%	0.0030	0.0300	0.2510	0.1945	0.0439	0.0895	0.4280	0.5300	0.3386	
All Puyallup FB Locations	12	100%	0.0030	0.0030	0.0137	0.0119	0.0055	0.0066	0.0201	0.0247	0.0135	
All Puyallup Locations	48	100%	0.0030	0.0300	0.0860	0.0255	0.0055	0.0094	0.0712	0.5300	0.0618	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.0030	0.0030	0.0113	0.0099	0.0057	0.0079	0.0137	0.0262	0.0058	
All RB Locations	24	100%	0.0030	0.0030	0.0430	0.0269	0.0099	0.0126	0.0463	0.2060	0.0338	
All AG Locations	24	100%	0.0030	0.0300	0.1455	0.0600	0.0177	0.0297	0.1945	0.5300	0.1648	
All FB Locations	24	63%	0.0030	0.0030	0.0080	0.0056	0.0015	0.0015	0.0119	0.0247	0.0104	
All Locations	96	91%	0.0030	0.0300	0.0520	0.0152	0.0015	0.0084	0.0353	0.5300	0.0269	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-6. Summary statistics for total organic carbon concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	1.0	1.0	1.7	1.7	1.5			1.9		
CBX	1	100%	1.0	1.0		4.5						
RB111	2	100%	1.0	1.0	5.8	5.8	5.5			6.0		
RB202	2	100%	1.0	1.0	3.2	3.2	2.9			3.4		
AG174	2	100%	1.0	1.0	6.7	6.7	5.8			7.6		
AGG	2	100%	1.0	1.0	9.0	9.0	8.4			9.6		
FB200	2	100%	1.0	1.0	2.7	2.7	2.2			3.1		
FB203	2	100%	1.0	1.0	1.7	1.7	1.6			1.8		
All Snohomish CB Locations	3	100%	1.0	1.0	2.6	1.9	1.5	1.6	3.8	4.5	2.2	
All Snohomish RB Locations	4	100%	1.0	1.0	4.4	4.4	2.9	3.2	5.8	6.0	2.6	
All Snohomish AG Locations	4	100%	1.0	1.0	7.8	8.0	5.8	6.7	9.0	9.6	2.3	
All Snohomish FB Locations	4	100%	1.0	1.0	2.2	2.0	1.6	1.7	2.7	3.1	0.9	
All Snomomish Locations	15	100%	1.0	1.0	4.4	3.4	1.5	2.0	6.0	9.6	4.0	
Puyallup Watershed												
CBA	2	100%	1.0	1.0	11.1	11.1	10.6			11.7		
CBB	1	100%	1.0	1.0		5.5						
RB53	2	100%	1.0	1.0	2.7	2.7	2.2			3.2		
RB209	2	50%	1.0	1.0	0.8	0.8	0.5			1.0		E
AG143	2	100%	1.0	1.0	22.3	22.3	19.8			24.8		
AG62	2	100%	1.0	1.0	8.2	8.2	7.7			8.7		
FB130	2	100%	1.0	1.0	2.7	2.7	2.2			3.1		
FB372	2	100%	1.0	1.0	4.7	4.7	3.3			6.0		
All Puyallup CB Locations	3	100%	1.0	1.0	9.3	10.6	5.5	6.8	11.4	11.7	4.7	
All Puyallup RB Locations	4	75%	1.0	1.0	1.7	1.6	0.5	0.8	2.7	3.2	2.0	
All Puyallup AG Locations	4	100%	1.0	1.0	15.2	14.2	7.7	8.2	22.3	24.8	14.1	
All Puyallup FB Locations	4	100%	1.0	1.0	3.7	3.2	2.2	2.7	4.7	6.0	2.0	
All Puyallup Locations	15	93%	1.0	1.0	7.4	5.5	0.5	2.4	10.1	24.8	7.7	
All Monitoring Locations Combined												
All CB Locations	6	100%	1.0	1.0	6.0	5.0	1.5	1.9	10.6	11.7	8.7	
All RB Locations	8	88%	1.0	1.0	3.1	3.1	0.5	1.6	4.4	6.0	2.8	
All AG Locations	8	100%	1.0	1.0	11.5	8.5	5.8	7.6	14.7	24.8	7.1	
All FB Locations	8	100%	1.0	1.0	2.9	2.7	1.6	2.0	3.2	6.0	1.2	
All Locations	30	97%	1.0	1.0	5.9	4.0	0.5	2.2	7.7	24.8	5.5	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-6. Summary statistics for total organic carbon concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	1.0	1.0	2.8	2.4	1.7	2.3	3.0	4.8	0.7	
CBX	6	100%	1.0	1.0	4.7	5.0	3.4	4.3	5.3	5.3	1.0	
RB111	6	100%	1.0	1.0	7.6	7.8	5.3	5.8	9.3	9.5	3.5	
RB202	6	100%	1.0	1.0	6.7	6.3	4.9	5.4	7.4	9.5	2.0	
AG174	6	100%	1.0	1.0	11.4	11.2	9.5	9.5	12.9	14.2	3.4	
AGG	6	100%	1.0	1.0	10.8	8.9	8.6	8.8	10.9	18.8	2.1	
FB200	6	100%	1.0	1.0	3.4	2.8	2.0	2.3	4.0	6.4	1.7	
FB203	6	100%	1.0	1.0	3.5	3.0	2.2	2.2	5.2	5.3	3.0	
All Snohomish CB Locations	12	100%	1.0	1.0	3.7	3.9	1.7	2.4	5.0	5.3	2.6	
All Snohomish RB Locations	12	100%	1.0	1.0	7.1	7.2	4.9	5.6	8.6	9.5	3.0	
All Snohomish AG Locations	12	100%	1.0	1.0	11.1	10.1	8.6	8.9	12.4	18.8	3.4	
All Snohomish FB Locations	12	100%	1.0	1.0	3.4	3.0	2.0	2.2	4.6	6.4	2.3	
All Snomomish Locations	48	100%	1.0	1.0	6.4	5.3	1.7	3.2	8.9	18.8	5.8	
Puyallup Watershed												
CBA	6	100%	1.0	1.0	6.6	6.8	3.5	4.9	7.3	10.5	2.4	
CBB	6	100%	1.0	1.0	7.1	5.2	2.0	4.8	7.0	18.2	2.2	
RB53	6	100%	1.0	1.0	9.7	7.6	5.8	7.0	10.7	19.3	3.7	
RB209	6	100%	1.0	1.0	4.8	2.8	1.8	2.6	3.6	15.6	1.0	
AG143	6	100%	1.0	2.0	20.5	19.5	17.6	19.3	22.7	24.5	3.4	
AG62	6	100%	1.0	1.0	11.9	11.2	9.7	9.7	13.4	16.3	3.7	
FB130	6	100%	1.0	1.0	3.4	2.9	1.9	1.9	4.4	6.2	2.5	
FB372	6	100%	1.0	1.0	11.4	11.0	5.6	9.7	14.8	16.1	5.1	
All Puyallup CB Locations	12	100%	1.0	1.0	6.8	6.1	2.0	4.9	7.2	18.2	2.3	
All Puyallup RB Locations	12	100%	1.0	1.0	7.3	6.4	1.8	2.8	9.4	19.3	6.7	
All Puyallup AG Locations	12	100%	1.0	2.0	16.2	17.0	9.7	11.2	19.5	24.5	8.3	
All Puyallup FB Locations	12	100%	1.0	1.0	7.4	5.9	1.9	2.9	11.0	16.1	8.1	
All Puyallup Locations	48	100%	1.0	2.0	9.4	7.2	1.8	4.6	14.1	24.5	9.5	
All Monitoring Locations Combined												
All CB Locations	24	100%	1.0	1.0	5.3	4.9	1.7	3.2	6.1	18.2	2.9	
All RB Locations	24	100%	1.0	1.0	7.2	7.0	1.8	5.1	8.8	19.3	3.7	
All AG Locations	24	100%	1.0	2.0	13.7	11.6	8.6	9.6	18.2	24.5	8.6	
All FB Locations	24	100%	1.0	1.0	5.4	3.7	1.9	2.4	6.3	16.1	3.9	
All Locations	96	100%	1.0	2.0	7.9	6.6	1.7	3.5	10.5	24.5	6.9	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-7. Summary statistics for total persulfate nitrogen concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	0.0250	0.0250	0.9005	0.9005	0.8960			0.9050		
CBX	1	100%	0.0250	0.0250		0.1780						
RB111	2	100%	0.0250	0.0250	0.9990	0.9990	0.9480			1.0500		
RB202	2	100%	0.0250	0.0250	1.3400	1.3400	1.2700			1.4100		
AG174	2	100%	0.0250	0.0250	0.6765	0.6765	0.5900			0.7630		
AGG	2	100%	0.0250	0.0250	0.7790	0.7790	0.7360			0.8220		
FB200	2	100%	0.0250	0.0250	0.1650	0.1650	0.1070			0.2230		
FB203	2	100%	0.0250	0.0250	0.1415	0.1415	0.1260			0.1570		
All Snohomish CB Locations	3	100%	0.0250	0.0250	0.6597	0.8960	0.1780	0.3575	0.9027	0.9050	0.5452	
All Snohomish RB Locations	4	100%	0.0250	0.0250	1.1695	1.1600	0.9480	0.9990	1.3400	1.4100	0.3410	
All Snohomish AG Locations	4	100%	0.0250	0.0250	0.7278	0.7495	0.5900	0.6630	0.7925	0.8220	0.1295	
All Snohomish FB Locations	4	100%	0.0250	0.0250	0.1533	0.1415	0.1070	0.1165	0.1900	0.2230	0.0735	
All Snomomish Locations	15	100%	0.0250	0.0250	0.6787	0.7630	0.1070	0.1893	0.9373	1.4100	0.7480	
Puyallup Watershed												
CBA	2	100%	0.0250	0.0250	0.6710	0.6710	0.6530			0.6890		
CBB	1	100%	0.0250	0.0250		0.3170						
RB53	2	100%	0.0250	0.0250	1.0110	1.0110	0.9720			1.0500		
RB209	2	100%	0.1250	0.1250	4.2600	4.2600	4.1300			4.3900		
AG143	2	100%	0.0250	0.0250	1.6950	1.6950	1.4600			1.9300		
AG62	2	100%	0.0250	0.0250	0.8370	0.8370	0.8160			0.8580		
FB130	2	100%	0.0250	0.0250	0.1360	0.1360	0.1160			0.1560		
FB372	2	100%	0.0250	0.0250	0.8690	0.8690	0.6580			1.0800		
All Puyallup CB Locations	3	100%	0.0250	0.0250	0.5530	0.6530	0.3170	0.4010	0.6800	0.6890	0.2790	
All Puyallup RB Locations	4	100%	0.0250	0.1250	2.6355	2.5900	0.9720	1.0110	4.2600	4.3900	3.2490	
All Puyallup AG Locations	4	100%	0.0250	0.0250	1.2660	1.1590	0.8160	0.8370	1.6950	1.9300	0.8580	
All Puyallup FB Locations	4	100%	0.0250	0.0250	0.5025	0.4070	0.1160	0.1360	0.8690	1.0800	0.7330	
All Puyallup Locations	15	100%	0.0250	0.1250	1.2850	0.8580	0.1160	0.6542	1.3650	4.3900	0.7107	
All Monitoring Locations Combined												
All CB Locations	6	100%	0.0250	0.0250	0.6063	0.6710	0.1780	0.3170	0.8960	0.9050	0.5790	
All RB Locations	8	100%	0.0250	0.1250	1.9025	1.1600	0.9480	1.0110	2.7700	4.3900	1.7590	
All AG Locations	8	100%	0.0250	0.0250	0.9969	0.8190	0.5900	0.7495	1.1590	1.9300	0.4095	
All FB Locations	8	100%	0.0250	0.0250	0.3279	0.1565	0.1070	0.1210	0.4405	1.0800	0.3195	
All Locations	30	100%	0.0250	0.1250	0.9819	0.8190	0.1070	0.3170	1.0500	4.3900	0.7330	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-7. Summary statistics for total persulfate nitrogen concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.0250	0.0250	0.2940	0.2630	0.2080	0.2210	0.3580	0.4510	0.1370	
CBX	6	100%	0.0250	0.0250	0.4318	0.4050	0.3330	0.3840	0.4810	0.5830	0.0970	
RB111	6	100%	0.0250	0.0250	1.2328	1.2100	0.6560	0.9210	1.6800	1.7200	0.7590	
RB202	6	100%	0.0250	0.0250	1.2495	1.1500	0.9470	1.0200	1.4000	1.8300	0.3800	
AG174	6	100%	0.0250	0.1250	2.2300	2.1750	1.3000	1.3800	2.9800	3.3700	1.6000	
AGG	6	100%	0.0250	0.0250	1.0658	0.9280	0.7620	0.8470	1.0900	1.8400	0.2430	
FB200	6	100%	0.0250	0.0250	0.4072	0.2510	0.1150	0.1420	0.2940	1.3900	0.1520	
FB203	6	100%	0.0250	0.0250	0.3272	0.3340	0.2300	0.2680	0.3710	0.4260	0.1030	
All Snohomish CB Locations	12	100%	0.0250	0.0250	0.3629	0.3710	0.2080	0.2630	0.4300	0.5830	0.1670	
All Snohomish RB Locations	12	100%	0.0250	0.0250	1.2412	1.1500	0.6560	0.9785	1.5450	1.8300	0.5665	
All Snohomish AG Locations	12	100%	0.0250	0.1250	1.6479	1.3400	0.7620	0.9280	2.2100	3.3700	1.2820	
All Snohomish FB Locations	12	100%	0.0250	0.0250	0.3672	0.2870	0.1150	0.2260	0.3595	1.3900	0.1335	
All Snomomish Locations	48	100%	0.0250	0.1250	0.9048	0.7090	0.1150	0.3265	1.3400	3.3700	1.0135	
Puyallup Watershed												
CBA	6	100%	0.0250	0.0250	0.5085	0.5100	0.1790	0.3840	0.6870	0.7810	0.3030	
CBB	6	100%	0.0250	0.0250	0.3345	0.3175	0.1810	0.2320	0.3840	0.5750	0.1520	
RB53	6	100%	0.0250	0.0250	1.0198	0.9805	0.5730	0.6250	1.2800	1.6800	0.6550	
RB209	6	100%	0.0250	0.1250	3.1083	3.1250	1.9900	2.9900	3.6300	3.7900	0.6400	
AG143	6	100%	0.0250	1.2500	11.0300	9.0350	1.7700	3.0400	19.4000	23.9000	16.3600	
AG62	6	100%	0.0250	0.1250	2.5767	2.3200	1.0400	1.6100	3.9400	4.2300	2.3300	
FB130	6	100%	0.0250	0.0250	0.1915	0.1860	0.1080	0.1180	0.2390	0.3120	0.1210	
FB372	6	100%	0.0250	0.0250	0.8288	0.6885	0.4900	0.5360	1.2600	1.3100	0.7240	
All Puyallup CB Locations	12	100%	0.0250	0.0250	0.4215	0.3840	0.1790	0.2600	0.5460	0.7810	0.2860	
All Puyallup RB Locations	12	100%	0.0250	0.1250	2.0641	1.8350	0.5730	0.9805	3.1250	3.7900	2.1445	
All Puyallup AG Locations	12	100%	0.0250	1.2500	6.8033	3.4900	1.0400	1.7150	9.0350	23.9000	7.3200	
All Puyallup FB Locations	12	100%	0.0250	0.0250	0.5102	0.4010	0.1080	0.1860	0.6885	1.3100	0.5025	
All Puyallup Locations	48	100%	0.0250	1.2500	2.4498	0.8660	0.1080	0.3840	2.9850	23.9000	2.6010	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.0250	0.0250	0.3922	0.3840	0.1790	0.2630	0.4920	0.7810	0.2290	
All RB Locations	24	100%	0.0250	0.1250	1.6526	1.3400	0.5730	0.9805	1.9100	3.7900	0.9295	
All AG Locations	24	100%	0.0250	1.2500	4.2256	1.8050	0.7620	1.1950	3.6550	23.9000	2.4600	
All FB Locations	24	100%	0.0250	0.0250	0.4387	0.3030	0.1080	0.2140	0.5130	1.3900	0.2990	
All Locations	96	100%	0.0250	1.2500	1.6773	0.7715	0.1080	0.3475	1.6700	23.9000	1.3225	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-8. Summary statistics for total phosphorus concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	0.005	0.005	0.078	0.078	0.076			0.080		
CBX	1	100%	0.005	0.005		0.014						
RB111	2	100%	0.005	0.005	0.025	0.025	0.022			0.029		
RB202	2	100%	0.005	0.005	0.029	0.029	0.026			0.032		
AG174	2	100%	0.005	0.005	0.051	0.051	0.048			0.054		
AGG	2	100%	0.005	0.005	0.126	0.126	0.110			0.142		
FB200	2	100%	0.005	0.005	0.010	0.010	0.008			0.012		
FB203	2	100%	0.005	0.005	0.010	0.010	0.009			0.010		
All Snohomish CB Locations	3	100%	0.005	0.005	0.057	0.076	0.014	0.029	0.079	0.080	0.050	
All Snohomish RB Locations	4	100%	0.005	0.005	0.027	0.028	0.022	0.024	0.031	0.032	0.007	
All Snohomish AG Locations	4	100%	0.005	0.005	0.088	0.082	0.048	0.051	0.126	0.142	0.075	
All Snohomish FB Locations	4	100%	0.005	0.005	0.010	0.010	0.008	0.009	0.011	0.012	0.003	
All Snomomish Locations	15	100%	0.005	0.005	0.045	0.029	0.008	0.013	0.071	0.142	0.058	
Puyallup Watershed												
CBA	2	100%	0.005	0.005	0.058	0.058	0.049			0.067		
CBB	1	100%	0.005	0.005		0.028						
RB53	2	100%	0.005	0.005	0.226	0.226	0.129			0.323		
RB209	2	100%	0.005	0.005	0.038	0.038	0.033			0.043		
AG143	2	100%	0.005	0.005	0.162	0.162	0.120			0.204		
AG62	2	100%	0.005	0.005	0.213	0.213	0.195			0.230		
FB130	2	100%	0.005	0.005	0.021	0.021	0.018			0.023		
FB372	2	100%	0.005	0.005	0.028	0.028	0.027			0.029		
All Puyallup CB Locations	3	100%	0.005	0.005	0.048	0.049	0.028	0.033	0.063	0.067	0.029	
All Puyallup RB Locations	4	100%	0.005	0.005	0.132	0.086	0.033	0.038	0.226	0.323	0.188	
All Puyallup AG Locations	4	100%	0.005	0.005	0.187	0.199	0.120	0.157	0.217	0.230	0.060	
All Puyallup FB Locations	4	100%	0.005	0.005	0.024	0.025	0.018	0.021	0.028	0.029	0.008	
All Puyallup Locations	15	100%	0.005	0.005	0.101	0.049	0.018	0.028	0.179	0.323	0.150	
All Monitoring Locations Combined												
All CB Locations	6	100%	0.005	0.005	0.052	0.058	0.014	0.028	0.076	0.080	0.049	
All RB Locations	8	100%	0.005	0.005	0.080	0.033	0.022	0.028	0.086	0.323	0.059	
All AG Locations	8	100%	0.005	0.005	0.138	0.131	0.048	0.082	0.199	0.230	0.117	
All FB Locations	8	100%	0.005	0.005	0.017	0.015	0.008	0.010	0.025	0.029	0.016	
All Locations	30	100%	0.005	0.005	0.073	0.038	0.008	0.023	0.110	0.323	0.087	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-8. Summary statistics for total phosphorus concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.005	0.005	0.037	0.036	0.030	0.033	0.041	0.043	0.008	
CBX	6	100%	0.005	0.005	0.044	0.041	0.028	0.034	0.054	0.070	0.020	
RB111	6	100%	0.005	0.005	0.057	0.043	0.031	0.036	0.068	0.120	0.032	
RB202	6	100%	0.005	0.005	0.077	0.070	0.039	0.039	0.109	0.134	0.070	
AG174	6	100%	0.005	0.005	0.111	0.113	0.047	0.080	0.127	0.185	0.047	
AGG	6	100%	0.005	0.005	0.152	0.159	0.075	0.121	0.190	0.206	0.069	
FB200	6	100%	0.005	0.005	0.020	0.012	0.009	0.011	0.016	0.059	0.004	
FB203	6	100%	0.005	0.005	0.014	0.011	0.007	0.008	0.014	0.033	0.006	
All Snohomish CB Locations	12	100%	0.005	0.005	0.040	0.038	0.028	0.033	0.044	0.070	0.010	
All Snohomish RB Locations	12	100%	0.005	0.005	0.067	0.049	0.031	0.039	0.098	0.134	0.059	
All Snohomish AG Locations	12	100%	0.005	0.005	0.131	0.126	0.047	0.090	0.173	0.206	0.083	
All Snohomish FB Locations	12	100%	0.005	0.005	0.017	0.012	0.007	0.010	0.015	0.059	0.005	
All Snomomish Locations	48	100%	0.005	0.005	0.064	0.043	0.007	0.031	0.094	0.206	0.063	
Puyallup Watershed												
CBA	6	100%	0.005	0.005	0.072	0.065	0.053	0.055	0.078	0.116	0.023	
CBB	6	100%	0.005	0.005	0.044	0.043	0.023	0.034	0.049	0.071	0.015	
RB53	6	100%	0.005	0.005	0.162	0.130	0.084	0.108	0.242	0.276	0.134	
RB209	6	100%	0.005	0.005	0.058	0.051	0.038	0.043	0.066	0.100	0.024	
AG143	6	100%	0.005	0.005	0.359	0.260	0.206	0.223	0.562	0.640	0.339	
AG62	6	100%	0.005	0.010	0.398	0.349	0.224	0.251	0.559	0.660	0.308	
FB130	6	100%	0.005	0.005	0.044	0.028	0.019	0.024	0.034	0.134	0.010	
FB372	6	100%	0.005	0.005	0.076	0.040	0.028	0.032	0.105	0.211	0.073	
All Puyallup CB Locations	12	100%	0.005	0.005	0.058	0.054	0.023	0.043	0.069	0.116	0.026	
All Puyallup RB Locations	12	100%	0.005	0.005	0.110	0.092	0.038	0.051	0.130	0.276	0.079	
All Puyallup AG Locations	12	100%	0.005	0.010	0.378	0.270	0.206	0.234	0.561	0.660	0.326	
All Puyallup FB Locations	12	100%	0.005	0.005	0.060	0.033	0.019	0.026	0.073	0.211	0.047	
All Puyallup Locations	48	100%	0.005	0.010	0.152	0.074	0.019	0.041	0.224	0.660	0.183	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.005	0.005	0.049	0.044	0.023	0.034	0.059	0.116	0.025	
All RB Locations	24	100%	0.005	0.005	0.088	0.067	0.031	0.043	0.114	0.276	0.071	
All AG Locations	24	100%	0.005	0.010	0.255	0.206	0.047	0.126	0.270	0.660	0.144	
All FB Locations	24	100%	0.005	0.005	0.039	0.024	0.007	0.012	0.036	0.211	0.024	
All Locations	96	100%	0.005	0.010	0.108	0.054	0.007	0.034	0.126	0.660	0.093	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-9. Summary statistics for total suspended solids concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	1.00	1.00						< 1.00		U
CBX	1	0%	1.00	1.00						< 1.00		U
RB111	2	100%	1.00	1.00	2.00	2.00	1.00			3.00		
RB202	2	100%	1.00	1.00	2.00	2.00	2.00			2.00		
AG174	2	100%	1.00	1.00	3.00	3.00	2.00			4.00		
AGG	2	100%	1.00	2.00	4.50	4.50	2.00			7.00		
FB200	2	100%	1.00	1.00	2.00	2.00	2.00			2.00		
FB203	2	100%	1.00	1.00	3.00	3.00	2.00			4.00		
All Snohomish CB Locations	3	0%	1.00	1.00						< 1.00		U
All Snohomish RB Locations	4	100%	1.00	1.00	2.00	2.00	1.00	1.50	2.50	3.00	1.00	
All Snohomish AG Locations	4	100%	1.00	2.00	3.75	3.00	2.00	2.00	5.50	7.00	3.50	
All Snohomish FB Locations	4	100%	1.00	1.00	2.50	2.00	2.00	2.00	3.00	4.00	1.00	
All Snomomish Locations	15	80%	1.00	2.00	2.30	2.00	0.50	1.25	2.75	7.00	1.50	
Puyallup Watershed												
CBA	2	100%	1.00	1.00	2.00	2.00	2.00			2.00		
CBB	1	0%	1.00	1.00						< 1.00		U
RB53	2	100%	1.00	1.00	4.00	4.00	3.00			5.00		
RB209	2	100%	1.00	2.00	8.50	8.50	4.00			13.00		
AG143	2	100%	1.00	2.00	3.50	3.50	3.00			4.00		
AG62	2	100%	1.00	1.00	2.00	2.00	1.00			3.00		
FB130	2	100%	1.00	1.00	2.00	2.00	2.00			2.00		
FB372	2	100%	1.00	1.00	4.50	4.50	2.00			7.00		
All Puyallup CB Locations	3	67%	1.00	1.00	1.50	2.00	0.50	0.88	2.00	2.00	1.12	
All Puyallup RB Locations	4	100%	1.00	2.00	6.25	4.50	3.00	3.50	9.00	13.00	5.50	
All Puyallup AG Locations	4	100%	1.00	2.00	2.75	3.00	1.00	2.00	3.50	4.00	1.50	
All Puyallup FB Locations	4	100%	1.00	1.00	3.25	2.00	2.00	2.00	4.50	7.00	2.50	
All Puyallup Locations	15	93%	1.00	2.00	3.57	3.00	0.50	2.00	4.00	13.00	2.00	
All Monitoring Locations Combined												
All CB Locations	6	33%	1.00	1.00	1.00	0.50	0.50	0.50	2.00	2.00	1.50	E
All RB Locations	8	100%	1.00	2.00	4.12	3.00	1.00	2.00	4.50	13.00	2.50	
All AG Locations	8	100%	1.00	2.00	3.25	3.00	1.00	2.00	4.00	7.00	2.00	
All FB Locations	8	100%	1.00	1.00	2.88	2.00	2.00	2.00	3.00	7.00	1.00	
All Locations	30	87%	1.00	2.00	2.93	2.00	0.50	2.00	4.00	13.00	2.00	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-9. Summary statistics for total suspended solids concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.60	2.00	9.47	11.00	2.00	4.00	12.80	16.00	8.80	
CBX	6	100%	1.00	4.00	11.72	12.50	4.00	8.00	14.30	19.00	6.30	
RB111	6	100%	0.80	3.00	17.45	11.50	6.00	8.70	22.00	45.00	13.30	
RB202	6	100%	1.00	5.00	42.17	26.50	5.00	11.00	66.00	118.00	55.00	
AG174	6	100%	1.00	3.00	17.58	13.75	2.00	6.00	28.00	42.00	22.00	
AGG	6	83%	0.70	2.00	3.87	4.60	1.00	2.00	5.00	6.00	3.00	
FB200	6	100%	1.00	1.00	12.57	7.00	3.00	3.00	14.40	41.00	11.40	
FB203	6	67%	1.00	1.00	5.50	2.00	0.50	0.50	7.00	21.00	6.50	
All Snohomish CB Locations	12	100%	0.60	4.00	10.59	11.50	2.00	6.00	14.15	19.00	8.15	
All Snohomish RB Locations	12	100%	0.80	5.00	29.81	17.50	5.00	8.85	38.50	118.00	29.65	
All Snohomish AG Locations	12	92%	0.70	3.00	10.72	5.50	1.00	3.10	13.75	42.00	10.65	
All Snohomish FB Locations	12	83%	1.00	1.00	9.03	4.00	0.50	2.00	11.70	41.00	9.70	
All Snomomish Locations	48	94%	0.60	5.00	15.04	9.00	0.50	4.10	15.25	118.00	11.15	
Puyallup Watershed												
CBA	6	100%	2.00	4.00	18.33	15.50	4.00	10.00	22.00	43.00	12.00	
CBB	6	100%	1.00	4.00	8.17	9.00	3.00	6.00	10.00	12.00	4.00	
RB53	6	100%	1.00	3.00	15.67	16.00	6.00	7.00	21.00	28.00	14.00	
RB209	6	100%	1.00	4.00	16.00	10.00	3.00	3.00	19.00	51.00	16.00	
AG143	6	100%	1.00	5.00	21.50	21.00	3.00	3.00	31.00	50.00	28.00	
AG62	6	100%	1.00	3.00	6.17	4.50	2.00	3.00	9.00	14.00	6.00	
FB130	6	100%	1.00	4.00	11.83	8.00	1.00	6.00	10.00	38.00	4.00	
FB372	6	100%	1.00	12.00	44.33	9.50	2.00	3.00	45.00	197.00	42.00	
All Puyallup CB Locations	12	100%	1.00	4.00	13.25	10.00	3.00	7.50	16.50	43.00	9.00	
All Puyallup RB Locations	12	100%	1.00	4.00	15.83	13.00	3.00	6.00	20.50	51.00	14.50	
All Puyallup AG Locations	12	100%	1.00	5.00	13.83	7.00	2.00	3.00	21.00	50.00	18.00	
All Puyallup FB Locations	12	100%	1.00	12.00	28.08	8.00	1.00	4.50	25.00	197.00	20.50	
All Puyallup Locations	48	100%	1.00	12.00	17.75	9.50	1.00	4.50	20.50	197.00	16.00	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.60	4.00	11.92	10.00	2.00	7.00	14.15	43.00	7.15	
All RB Locations	24	100%	0.80	5.00	22.82	14.00	3.00	6.50	25.00	118.00	18.50	
All AG Locations	24	96%	0.70	5.00	12.28	5.50	1.00	3.00	15.25	50.00	12.25	
All FB Locations	24	92%	1.00	12.00	18.56	7.00	0.50	2.50	13.20	197.00	10.70	
All Locations	96	97%	0.60	12.00	16.39	9.00	0.50	4.10	19.00	197.00	14.90	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-10. Summary statistics for 2,4,5-T concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-10. Summary statistics for 2,4,5-T concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-11. Summary statistics for 2,4,5-TP (silvex) concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-11. Summary statistics for 2,4,5-TP (silvex) concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-12. Summary statistics for 2,4-D concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	50%	0.0610	0.0620	0.0300	0.0300	0.0290			0.0310		E
CBB	1	100%	0.0610	0.0610		0.0490						
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	50%	0.0640	0.1200	0.7160	0.7160	0.0320			1.4000		E
AG62	2	50%	0.0620	0.0620	0.0290	0.0290	0.0270			0.0310		E
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	67%	0.0610	0.0620	0.0363	0.0310	0.0290	0.0295	0.0445	0.0490	0.0150	
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	50%	0.0620	0.1200	0.3725	0.0315	0.0270	0.0290	0.7160	1.4000	0.6870	E
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	27%	0.0600	0.1200	0.1230	0.0310	0.0270	0.0301	0.0318	1.4000	0.0016	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.0600	0.0620	0.0333	0.0305	0.0290	0.0300	0.0310	0.0490	0.0010	E
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	25%	0.0610	0.1200	0.2015	0.0305	0.0270	0.0305	0.0315	1.4000	0.0010	E
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	13%	0.0600	0.1200	0.0768	0.0305	0.0270	0.0305	0.0310	1.4000	0.0005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-12. Summary statistics for 2,4-D concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	33%	0.0620	0.0710	0.0333	0.0338	0.0280	0.0310	0.0355	0.0380	0.0045	E
CBX	6	50%	0.0610	0.0640	0.0411	0.0325	0.0305	0.0310	0.0570	0.0630	0.0260	E
RB111	6	67%	0.0600	0.0650	0.0501	0.0460	0.0260	0.0305	0.0760	0.0760	0.0455	
RB202	6	33%	0.0600	0.0650	0.0491	0.0310	0.0300	0.0305	0.0620	0.1100	0.0315	E
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	17%	0.0600	0.0640	0.0741	0.0310	0.0300	0.0305	0.0320	0.2900	0.0015	E
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	42%	0.0610	0.0710	0.0372	0.0330	0.0280	0.0310	0.0367	0.0630	0.0058	E
All Snohomish RB Locations	12	50%	0.0600	0.0650	0.0496	0.0310	0.0260	0.0305	0.0690	0.1100	0.0385	E
All Snohomish AG Locations	12	8%	0.0600	0.0640	0.0525	0.0310	0.0300	0.0305	0.0318	0.2900	0.0012	E
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	25%	0.0600	0.0710	0.0426	0.0310	0.0260	0.0305	0.0330	0.2900	0.0025	E
Puyallup Watershed												
CBA	6	67%	0.0600	0.0650	0.0773	0.0382	0.0250	0.0320	0.1600	0.1700	0.1280	
CBB	6	67%	0.0600	0.0640	0.0505	0.0460	0.0305	0.0315	0.0660	0.0830	0.0345	
RB53	6	17%	0.0610	0.0640	0.0333	0.0315	0.0305	0.0310	0.0320	0.0430	0.0010	E
RB209	6	17%	0.0610	0.0640	0.0307	0.0310	0.0280	0.0305	0.0315	0.0320	0.0010	E
AG143	6	17%	0.0610	0.0620	0.1040	0.0310	0.0305	0.0305	0.0310	0.4700	0.0005	E
AG62	6	17%	0.0610	0.0630	0.0707	0.0307	0.0305	0.0305	0.0315	0.2700	0.0010	E
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	67%	0.0600	0.0650	0.0639	0.0382	0.0250	0.0318	0.0745	0.1700	0.0428	
All Puyallup RB Locations	12	17%	0.0610	0.0640	0.0320	0.0315	0.0280	0.0305	0.0318	0.0430	0.0012	E
All Puyallup AG Locations	12	17%	0.0610	0.0630	0.0873	0.0310	0.0305	0.0305	0.0312	0.4700	0.0008	E
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	25%	0.0600	0.0650	0.0535	0.0310	0.0250	0.0305	0.0320	0.4700	0.0015	E
All Monitoring Locations Combined												
All CB Locations	24	54%	0.0600	0.0710	0.0505	0.0333	0.0250	0.0310	0.0585	0.1700	0.0275	
All RB Locations	24	33%	0.0600	0.0650	0.0408	0.0312	0.0260	0.0305	0.0375	0.1100	0.0070	E
All AG Locations	24	13%	0.0600	0.0640	0.0699	0.0310	0.0300	0.0305	0.0315	0.4700	0.0010	E
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	25%	0.0600	0.0710	0.0481	0.0310	0.0250	0.0305	0.0320	0.4700	0.0015	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-13. Summary statistics for 2,4-DB concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-13. Summary statistics for 2,4-DB concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-14. Summary statistics for 3,5-dichlorobenzoic acid concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-14. Summary statistics for 3,5-dichlorobenzoic acid concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	17%	0.0600	0.0640	0.0303	0.0305	0.0280	0.0300	0.0310	0.0320	0.0010	E
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	8%	0.0600	0.0650	0.0308	0.0307	0.0280	0.0302	0.0318	0.0325	0.0015	E
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	2%	0.0600	0.0650	0.0309	0.0310	0.0280	0.0305	0.0315	0.0325	0.0010	E
All Monitoring Locations Combined												
All CB Locations	24	4%	0.0600	0.0710	0.0314	0.0310	0.0280	0.0305	0.0320	0.0355	0.0015	E
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	1%	0.0600	0.0710	0.0311	0.0310	0.0280	0.0305	0.0315	0.0355	0.0010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-15. Summary statistics for acifluorfen (blazer) concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-15. Summary statistics for acifluorfen (blazer) concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	5	0%	0.0610	0.0640						< 0.0640		U
RB111	5	0%	0.0600	0.0650						< 0.0650		U
RB202	5	0%	0.0600	0.0650						< 0.0650		U
AG174	5	0%	0.0610	0.0640						< 0.0640		U
AGG	5	0%	0.0600	0.0640						< 0.0640		U
FB200	5	0%	0.0600	0.0640						< 0.0640		U
FB203	5	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	11	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	10	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	10	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	10	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	41	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	23	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	22	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	22	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	22	0%	0.0600	0.0640						< 0.0640		U
All Locations	89	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-16. Summary statistics for bentazon concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-16. Summary statistics for bentazon concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-17. Summary statistics for bromoxynil concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-17. Summary statistics for bromoxynil concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-18. Summary statistics for clopyralid concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-18. Summary statistics for clopyralid concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-19. Summary statistics for dicamba concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	50%	0.0610	0.0650	0.0223	0.0223	0.0120			0.0325	0.0103	E
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	25%	0.0610	0.0650	0.0266	0.0310	0.0120	0.0215	0.0318	0.0325	0.0103	E
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	7%	0.0600	0.0650	0.0294	0.0305	0.0120	0.0305	0.0305	0.0325	0.0000	E
Puyallup Watershed												
CBA	2	50%	0.0610	0.0620	0.0203	0.0203	0.0100			0.0305		E
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	50%	0.0600	0.0620	0.0200	0.0200	0.0100			0.0300		E
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	50%	0.0610	0.0640	0.0208	0.0208	0.0110			0.0305		E
AG62	2	50%	0.0620	0.0620	0.0220	0.0220	0.0130			0.0310		E
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	33%	0.0610	0.0620	0.0237	0.0305	0.0100	0.0151	0.0305	0.0305	0.0154	E
All Puyallup RB Locations	4	25%	0.0600	0.0640	0.0256	0.0302	0.0100	0.0200	0.0312	0.0320	0.0113	E
All Puyallup AG Locations	4	50%	0.0610	0.0640	0.0214	0.0217	0.0110	0.0120	0.0307	0.0310	0.0188	E
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	27%	0.0600	0.0640	0.0254	0.0305	0.0100	0.0172	0.0309	0.0320	0.0136	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.0600	0.0620	0.0270	0.0305	0.0100	0.0300	0.0305	0.0305	0.0005	E
All RB Locations	8	25%	0.0600	0.0650	0.0261	0.0307	0.0100	0.0210	0.0315	0.0325	0.0105	E
All AG Locations	8	25%	0.0610	0.0640	0.0259	0.0305	0.0110	0.0217	0.0305	0.0310	0.0088	E
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	17%	0.0600	0.0650	0.0274	0.0305	0.0100	0.0300	0.0305	0.0325	0.0005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-19. Summary statistics for dicamba concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.0620	0.0710	0.0304	0.0318	0.0170	0.0310	0.0355	0.0355	0.0045	E
CBX	6	17%	0.0610	0.0640	0.0313	0.0310	0.0305	0.0305	0.0320	0.0330	0.0015	E
RB111	6	67%	0.0600	0.0650	0.0256	0.0285	0.0150	0.0200	0.0305	0.0310	0.0105	
RB202	6	17%	0.0600	0.0650	0.0280	0.0307	0.0130	0.0300	0.0310	0.0325	0.0010	E
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	17%	0.0600	0.0640	0.0396	0.0310	0.0300	0.0305	0.0320	0.0830	0.0015	E
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	17%	0.0610	0.0710	0.0309	0.0312	0.0170	0.0307	0.0325	0.0355	0.0018	E
All Snohomish RB Locations	12	42%	0.0600	0.0650	0.0268	0.0302	0.0130	0.0235	0.0310	0.0325	0.0075	E
All Snohomish AG Locations	12	8%	0.0600	0.0640	0.0353	0.0310	0.0300	0.0305	0.0318	0.0830	0.0012	E
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	17%	0.0600	0.0710	0.0310	0.0310	0.0130	0.0305	0.0315	0.0830	0.0010	E
Puyallup Watershed												
CBA	6	50%	0.0600	0.0650	0.0234	0.0245	0.0130	0.0140	0.0320	0.0325	0.0180	E
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	33%	0.0610	0.0620	0.0268	0.0305	0.0190	0.0190	0.0305	0.0310	0.0115	E
AG62	6	17%	0.0610	0.0630	0.0303	0.0305	0.0280	0.0305	0.0310	0.0315	0.0005	E
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	25%	0.0600	0.0650	0.0272	0.0307	0.0130	0.0240	0.0318	0.0325	0.0077	E
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	25%	0.0610	0.0630	0.0285	0.0305	0.0190	0.0292	0.0307	0.0315	0.0015	E
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	13%	0.0600	0.0650	0.0294	0.0305	0.0130	0.0305	0.0315	0.0325	0.0010	E
All Monitoring Locations Combined												
All CB Locations	24	21%	0.0600	0.0710	0.0290	0.0310	0.0130	0.0305	0.0320	0.0355	0.0015	E
All RB Locations	24	21%	0.0600	0.0650	0.0290	0.0307	0.0130	0.0302	0.0315	0.0325	0.0012	E
All AG Locations	24	17%	0.0600	0.0640	0.0319	0.0305	0.0190	0.0305	0.0310	0.0830	0.0005	E
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	15%	0.0600	0.0710	0.0302	0.0310	0.0130	0.0305	0.0315	0.0830	0.0010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-20. Summary statistics for dichlorprop concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-20. Summary statistics for dichlorprop concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-21. Summary statistics for diclofop-methyl concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-21. Summary statistics for diclofop-methyl concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-22. Summary statistics for dinoseb concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-22. Summary statistics for dinoseb concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	5	0%	0.0610	0.0640						< 0.0640		U
RB111	5	0%	0.0600	0.0650						< 0.0650		U
RB202	5	0%	0.0600	0.0650						< 0.0650		U
AG174	5	0%	0.0610	0.0640						< 0.0640		U
AGG	5	0%	0.0600	0.0640						< 0.0640		U
FB200	5	0%	0.0600	0.0640						< 0.0640		U
FB203	5	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	11	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	10	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	10	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	10	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	41	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	5	0%	0.0600	0.0650						< 0.0650		U
CBB	4	0%	0.0600	0.0630						< 0.0630		U
RB53	4	0%	0.0610	0.0640						< 0.0640		U
RB209	4	0%	0.0610	0.0640						< 0.0640		U
AG143	4	0%	0.0610	0.0620						< 0.0620		U
AG62	4	0%	0.0610	0.0620						< 0.0620		U
FB130	4	0%	0.0610	0.0620						< 0.0620		U
FB372	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	9	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	8	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	8	0%	0.0610	0.0620						< 0.0620		U
All Puyallup FB Locations	8	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	33	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	20	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	18	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	18	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	18	0%	0.0600	0.0640						< 0.0640		U
All Locations	74	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-23. Summary statistics for ioxynil concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-23. Summary statistics for ioxynil concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-24. Summary statistics for mcpa concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	50%	0.0610	0.0650	0.0287	0.0287	0.0250			0.0325		E
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	25%	0.0610	0.0650	0.0299	0.0310	0.0250	0.0280	0.0318	0.0325	0.0037	E
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	7%	0.0600	0.0650	0.0303	0.0305	0.0250	0.0305	0.0305	0.0325	0.0000	E
Puyallup Watershed												
CBA	2	50%	0.0610	0.0620	0.0272	0.0272	0.0240			0.0305		E
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	50%	0.0610	0.0640	0.0302	0.0302	0.0300			0.0305		E
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	33%	0.0610	0.0620	0.0283	0.0305	0.0240	0.0256	0.0305	0.0305	0.0049	E
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	25%	0.0610	0.0640	0.0306	0.0307	0.0300	0.0302	0.0310	0.0310	0.0008	E
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	13%	0.0600	0.0640	0.0302	0.0305	0.0240	0.0301	0.0310	0.0320	0.0009	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.0600	0.0620	0.0293	0.0305	0.0240	0.0300	0.0305	0.0305	0.0005	E
All RB Locations	8	13%	0.0600	0.0650	0.0304	0.0310	0.0250	0.0302	0.0315	0.0325	0.0012	E
All AG Locations	8	13%	0.0610	0.0640	0.0306	0.0305	0.0300	0.0305	0.0307	0.0310	0.0003	E
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	10%	0.0600	0.0650	0.0303	0.0305	0.0240	0.0305	0.0310	0.0325	0.0005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-24. Summary statistics for mcpa concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.0620	0.0710	0.0369	0.0338	0.0310	0.0315	0.0355	0.0560	0.0040	E
CBX	6	17%	0.0610	0.0640	0.0325	0.0310	0.0305	0.0305	0.0320	0.0400	0.0015	E
RB111	6	83%	0.0600	0.0650	0.0458	0.0360	0.0270	0.0310	0.0710	0.0740	0.0400	
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	17%	0.0610	0.0710	0.0347	0.0318	0.0305	0.0310	0.0355	0.0560	0.0045	E
All Snohomish RB Locations	12	42%	0.0600	0.0650	0.0384	0.0310	0.0270	0.0305	0.0362	0.0740	0.0058	E
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	15%	0.0600	0.0710	0.0337	0.0310	0.0270	0.0305	0.0320	0.0740	0.0015	E
Puyallup Watershed												
CBA	6	17%	0.0600	0.0650	0.0357	0.0318	0.0300	0.0310	0.0325	0.0570	0.0015	E
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	17%	0.0610	0.0620	0.0315	0.0310	0.0305	0.0305	0.0310	0.0350	0.0005	E
AG62	6	17%	0.0610	0.0630	0.0574	0.0310	0.0305	0.0305	0.0315	0.1900	0.0010	E
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	8%	0.0600	0.0650	0.0333	0.0312	0.0300	0.0305	0.0320	0.0570	0.0015	E
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	17%	0.0610	0.0630	0.0445	0.0310	0.0305	0.0305	0.0312	0.1900	0.0008	E
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	6%	0.0600	0.0650	0.0349	0.0310	0.0300	0.0305	0.0315	0.1900	0.0010	E
All Monitoring Locations Combined												
All CB Locations	24	13%	0.0600	0.0710	0.0340	0.0315	0.0300	0.0307	0.0323	0.0570	0.0015	E
All RB Locations	24	21%	0.0600	0.0650	0.0348	0.0310	0.0270	0.0305	0.0320	0.0740	0.0015	E
All AG Locations	24	8%	0.0600	0.0640	0.0377	0.0310	0.0300	0.0305	0.0312	0.1900	0.0008	E
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	10%	0.0600	0.0710	0.0343	0.0310	0.0270	0.0305	0.0318	0.1900	0.0012	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-25. Summary statistics for mcpp (mecoprop) concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	50%	0.0610	0.0620	0.0217	0.0217	0.0130			0.0305		E
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	33%	0.0610	0.0620	0.0247	0.0305	0.0130	0.0174	0.0305	0.0305	0.0131	E
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	7%	0.0600	0.0640	0.0296	0.0305	0.0130	0.0305	0.0310	0.0320	0.0005	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.0600	0.0620	0.0275	0.0305	0.0130	0.0300	0.0305	0.0305	0.0005	E
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	3%	0.0600	0.0650	0.0302	0.0305	0.0130	0.0305	0.0310	0.0325	0.0005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-25. Summary statistics for mcpp (mecoprop) concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	83%	0.0600	0.0650	0.0410	0.0360	0.0220	0.0290	0.0490	0.0740	0.0200	
RB202	6	17%	0.0600	0.0650	0.0330	0.0307	0.0300	0.0305	0.0310	0.0450	0.0005	E
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	17%	0.0600	0.0640	0.0441	0.0310	0.0300	0.0305	0.0320	0.1100	0.0015	E
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	50%	0.0600	0.0650	0.0370	0.0310	0.0220	0.0302	0.0430	0.0740	0.0127	E
All Snohomish AG Locations	12	8%	0.0600	0.0640	0.0375	0.0310	0.0300	0.0305	0.0318	0.1100	0.0012	E
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	15%	0.0600	0.0710	0.0344	0.0310	0.0220	0.0305	0.0320	0.1100	0.0015	E
Puyallup Watershed												
CBA	6	17%	0.0600	0.0650	0.0445	0.0318	0.0300	0.0310	0.0325	0.1100	0.0015	E
CBB	6	17%	0.0600	0.0640	0.0314	0.0310	0.0300	0.0305	0.0320	0.0340	0.0015	E
RB53	6	17%	0.0610	0.0640	0.0294	0.0312	0.0200	0.0305	0.0315	0.0320	0.0010	E
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	17%	0.0600	0.0650	0.0380	0.0315	0.0300	0.0305	0.0323	0.1100	0.0018	E
All Puyallup RB Locations	12	8%	0.0610	0.0640	0.0303	0.0312	0.0200	0.0305	0.0315	0.0320	0.0010	E
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	6%	0.0600	0.0650	0.0325	0.0310	0.0200	0.0305	0.0315	0.1100	0.0010	E
All Monitoring Locations Combined												
All CB Locations	24	8%	0.0600	0.0710	0.0349	0.0315	0.0300	0.0305	0.0320	0.1100	0.0015	E
All RB Locations	24	29%	0.0600	0.0650	0.0336	0.0310	0.0200	0.0305	0.0318	0.0740	0.0012	E
All AG Locations	24	4%	0.0600	0.0640	0.0342	0.0310	0.0300	0.0305	0.0310	0.1100	0.0005	E
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	10%	0.0600	0.0710	0.0334	0.0310	0.0200	0.0305	0.0315	0.1100	0.0010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-26. Summary statistics for picloram concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-26. Summary statistics for picloram concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-27. Summary statistics for triclopyr concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	100%	0.0600	0.0600		0.0260						
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	50%	0.0610	0.0610	0.0263	0.0263	0.0220			0.0305		E
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	33%	0.0600	0.0610	0.0290	0.0305	0.0260	0.0271	0.0305	0.0305	0.0034	E
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	25%	0.0610	0.0610	0.0284	0.0305	0.0220	0.0263	0.0305	0.0305	0.0043	E
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	13%	0.0600	0.0650	0.0298	0.0305	0.0220	0.0305	0.0305	0.0325	0.0000	E
Puyallup Watershed												
CBA	2	50%	0.0610	0.0620	0.0268	0.0268	0.0230			0.0305		E
CBB	1	100%	0.0610	0.0610		0.0380						
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	100%	0.0640	0.1200	0.3995	0.3995	0.0390			0.7600		
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	67%	0.0610	0.0620	0.0305	0.0305	0.0230	0.0249	0.0361	0.0380	0.0113	
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	50%	0.0620	0.1200	0.2153	0.0350	0.0310	0.0310	0.3995	0.7600	0.3685	E
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	27%	0.0600	0.1200	0.0799	0.0310	0.0230	0.0305	0.0318	0.7600	0.0012	E
All Monitoring Locations Combined												
All CB Locations	6	50%	0.0600	0.0620	0.0298	0.0305	0.0230	0.0260	0.0305	0.0380	0.0045	E
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	38%	0.0610	0.1200	0.1218	0.0307	0.0220	0.0305	0.0350	0.7600	0.0045	E
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	20%	0.0600	0.1200	0.0549	0.0305	0.0220	0.0305	0.0310	0.7600	0.0005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-27. Summary statistics for triclopyr concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.0620	0.0710	0.0337	0.0338	0.0310	0.0320	0.0355	0.0360	0.0035	E
CBX	6	50%	0.0610	0.0640	0.0413	0.0315	0.0305	0.0310	0.0340	0.0890	0.0030	E
RB111	6	100%	0.0600	0.0650	0.0755	0.0335	0.0280	0.0290	0.0490	0.2800	0.0200	
RB202	6	50%	0.0600	0.0650	0.0507	0.0310	0.0280	0.0300	0.0870	0.0970	0.0570	E
AG174	6	17%	0.0610	0.0640	0.0319	0.0307	0.0305	0.0305	0.0320	0.0370	0.0015	E
AGG	6	17%	0.0600	0.0640	0.0305	0.0305	0.0290	0.0300	0.0310	0.0320	0.0010	E
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	33%	0.0610	0.0710	0.0375	0.0320	0.0305	0.0310	0.0355	0.0890	0.0045	E
All Snohomish RB Locations	12	75%	0.0600	0.0650	0.0631	0.0310	0.0280	0.0290	0.0680	0.2800	0.0390	
All Snohomish AG Locations	12	17%	0.0600	0.0640	0.0312	0.0307	0.0290	0.0302	0.0315	0.0370	0.0012	E
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	31%	0.0600	0.0710	0.0407	0.0310	0.0280	0.0305	0.0320	0.2800	0.0015	E
Puyallup Watershed												
CBA	6	67%	0.0600	0.0650	0.0484	0.0377	0.0240	0.0320	0.0630	0.0960	0.0310	
CBB	6	50%	0.0600	0.0640	0.0397	0.0363	0.0305	0.0305	0.0500	0.0550	0.0195	E
RB53	6	50%	0.0610	0.0640	0.0448	0.0307	0.0280	0.0305	0.0390	0.1100	0.0085	E
RB209	6	17%	0.0610	0.0640	0.0317	0.0315	0.0305	0.0305	0.0320	0.0340	0.0015	E
AG143	6	67%	0.0610	0.0620	0.1149	0.0390	0.0305	0.0310	0.0700	0.4800	0.0390	
AG62	6	17%	0.0610	0.0630	0.0490	0.0307	0.0305	0.0305	0.0315	0.1400	0.0010	E
FB130	6	83%	0.0610	0.0620	0.0979	0.0340	0.0200	0.0305	0.0490	0.4200	0.0185	
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	58%	0.0600	0.0650	0.0441	0.0367	0.0240	0.0310	0.0525	0.0960	0.0215	
All Puyallup RB Locations	12	33%	0.0610	0.0640	0.0382	0.0312	0.0280	0.0305	0.0330	0.1100	0.0025	E
All Puyallup AG Locations	12	42%	0.0610	0.0630	0.0820	0.0312	0.0305	0.0305	0.0565	0.4800	0.0260	E
All Puyallup FB Locations	12	42%	0.0610	0.0640	0.0645	0.0312	0.0200	0.0305	0.0340	0.4200	0.0035	E
All Puyallup Locations	48	44%	0.0600	0.0650	0.0572	0.0315	0.0200	0.0305	0.0420	0.4800	0.0115	E
All Monitoring Locations Combined												
All CB Locations	24	46%	0.0600	0.0710	0.0408	0.0323	0.0240	0.0310	0.0420	0.0960	0.0110	E
All RB Locations	24	54%	0.0600	0.0650	0.0507	0.0310	0.0280	0.0302	0.0385	0.2800	0.0082	
All AG Locations	24	29%	0.0600	0.0640	0.0566	0.0310	0.0290	0.0305	0.0335	0.4800	0.0030	E
All FB Locations	24	21%	0.0600	0.0640	0.0477	0.0310	0.0200	0.0305	0.0320	0.4200	0.0015	E
All Locations	96	38%	0.0600	0.0710	0.0489	0.0310	0.0200	0.0305	0.0355	0.4800	0.0050	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-28. Summary statistics for aluminum dissolved concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snohomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-28. Summary statistics for aluminum dissolved concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.050	0.050						< 0.050		U
CBX	1	100%	0.050	0.050		0.058						
RB111	1	0%	0.050	0.050						< 0.050		U
RB202	1	100%	0.050	0.050		0.069						
AG174	0											
AGG	0											
FB200	1	0%	0.050	0.050						< 0.050		U
FB203	1	0%	0.050	0.050						< 0.050		U
All Snohomish CB Locations	2	50%	0.050	0.050	0.041	0.041	0.025			0.058		E
All Snohomish RB Locations	2	50%	0.050	0.050	0.047	0.047	0.025			0.069		E
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	0%	0.050	0.050						< 0.050		U
All Snomomish Locations	6	33%	0.050	0.050	0.038	0.025	0.025	0.025	0.058	0.069	0.033	E
Puyallup Watershed												
CBA	1	0%	0.050	0.050						< 0.050		U
CBB	1	0%	0.050	0.050						< 0.050		U
RB53	1	100%	0.050	0.050		0.138						
RB209	1	0%	0.050	0.050						< 0.050		U
AG143	0											
AG62	0											
FB130	1	100%	0.050	0.050		0.063						
FB372	1	100%	0.050	0.050		0.697						
All Puyallup CB Locations	2	0%	0.050	0.050						< 0.050		U
All Puyallup RB Locations	2	50%	0.050	0.050	0.082	0.082	0.025			0.138		E
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	100%	0.050	0.050	0.380	0.380	0.063			0.697		
All Puyallup Locations	6	50%	0.050	0.050	0.162	0.044	0.025	0.025	0.138	0.697	0.113	E
All Monitoring Locations Combined												
All CB Locations	4	25%	0.050	0.050	0.033	0.025	0.025	0.025	0.041	0.058	0.016	E
All RB Locations	4	50%	0.050	0.050	0.064	0.047	0.025	0.025	0.103	0.138	0.079	E
All AG Locations	0											
All FB Locations	4	50%	0.050	0.050	0.203	0.044	0.025	0.025	0.380	0.697	0.355	E
All Locations	12	42%	0.050	0.050	0.100	0.025	0.025	0.025	0.066	0.697	0.041	E

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-29. Summary statistics for aluminum total concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-29. Summary statistics for aluminum total concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	100%	0.0250	0.0250		0.7040						
CBX	1	100%	0.0250	0.0250		2.1700						
RB111	1	100%	0.0250	0.0250		1.4800						
RB202	1	100%	0.0250	0.0250		1.4600						
AG174	0											
AGG	0											
FB200	1	100%	0.0250	0.0250		7.4000						
FB203	1	100%	0.0250	0.0250		0.9280						
All Snohomish CB Locations	2	100%	0.0250	0.0250	1.4370	1.4370	0.7040			2.1700		
All Snohomish RB Locations	2	100%	0.0250	0.0250	1.4700	1.4700	1.4600			1.4800		
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	100%	0.0250	0.0250	4.1640	4.1640	0.9280			7.4000		
All Snomomish Locations	6	100%	0.0250	0.0250	2.3570	1.4700	0.7040	0.9280	2.1700	7.4000	1.2420	
Puyallup Watershed												
CBA	1	100%	0.0250	0.0250		1.6900						
CBB	1	100%	0.0250	0.0250		0.4260						
RB53	1	100%	0.0250	0.0250		1.3300						
RB209	1	100%	0.0250	0.0250		0.1800						
AG143	0											
AG62	0											
FB130	1	100%	0.0250	0.0250		1.0300						
FB372	1	100%	0.0250	0.0250		0.6730						
All Puyallup CB Locations	2	100%	0.0250	0.0250	1.0580	1.0580	0.4260			1.6900		
All Puyallup RB Locations	2	100%	0.0250	0.0250	0.7550	0.7550	0.1800			1.3300		
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	100%	0.0250	0.0250	0.8515	0.8515	0.6730			1.0300		
All Puyallup Locations	6	100%	0.0250	0.0250	0.8882	0.8515	0.1800	0.4260	1.3300	1.6900	0.9040	
All Monitoring Locations Combined												
All CB Locations	4	100%	0.0250	0.0250	1.2475	1.1970	0.4260	0.5650	1.9300	2.1700	1.3650	
All RB Locations	4	100%	0.0250	0.0250	1.1125	1.3950	0.1800	0.7550	1.4700	1.4800	0.7150	
All AG Locations	0											
All FB Locations	4	100%	0.0250	0.0250	2.5078	0.9790	0.6730	0.8005	4.2150	7.4000	3.4145	
All Locations	12	100%	0.0250	0.0250	1.6226	1.1800	0.1800	0.6885	1.5850	7.4000	0.8965	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-30. Summary statistics for arsenic dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	0.10	0.10	1.58	1.58	1.56			1.59		
CBX	1	100%	0.10	0.10		2.99						
RB111	2	100%	0.10	0.10	0.82	0.82	0.68			0.96		
RB202	2	100%	0.10	0.10	0.53	0.53	0.46			0.60		
AG174	2	100%	0.10	0.10	1.37	1.37	1.34			1.39		
AGG	2	100%	0.10	0.10	1.91	1.91	1.75			2.08		
FB200	2	100%	0.10	0.10	0.73	0.73	0.43			1.03		
FB203	2	100%	0.10	0.10	0.31	0.31	0.27			0.34		
All Snohomish CB Locations	3	100%	0.10	0.10	2.05	1.59	1.56	1.57	2.64	2.99	1.07	
All Snohomish RB Locations	4	100%	0.10	0.10	0.68	0.64	0.46	0.53	0.82	0.96	0.29	
All Snohomish AG Locations	4	100%	0.10	0.10	1.64	1.57	1.34	1.37	1.91	2.08	0.55	
All Snohomish FB Locations	4	100%	0.10	0.10	0.52	0.38	0.27	0.31	0.73	1.03	0.43	
All Snomomish Locations	15	100%	0.10	0.10	1.16	1.03	0.27	0.50	1.58	2.99	1.09	
Puyallup Watershed												
CBA	2	100%	0.10	0.10	1.02	1.02	0.99			1.06		
CBB	1	100%	0.10	0.10		0.58						
RB53	2	100%	0.10	0.10	6.19	6.19	3.81			8.58		
RB209	2	100%	0.10	0.10	0.57	0.57	0.54			0.60		
AG143	2	100%	0.10	0.10	1.05	1.05	0.82			1.28		
AG62	2	100%	0.10	0.10	0.62	0.62	0.58			0.66		
FB130	2	100%	0.10	0.10	0.28	0.28	0.21			0.35		
FB372	2	100%	0.10	0.10	0.35	0.35	0.33			0.37		
All Puyallup CB Locations	3	100%	0.10	0.10	0.88	0.99	0.58	0.68	1.04	1.06	0.36	
All Puyallup RB Locations	4	100%	0.10	0.10	3.38	2.20	0.54	0.57	6.19	8.58	5.62	
All Puyallup AG Locations	4	100%	0.10	0.10	0.83	0.74	0.58	0.62	1.05	1.28	0.43	
All Puyallup FB Locations	4	100%	0.10	0.10	0.31	0.34	0.21	0.27	0.36	0.37	0.09	
All Puyallup Locations	15	100%	0.10	0.10	1.38	0.60	0.21	0.41	1.04	8.58	0.63	
All Monitoring Locations Combined												
All CB Locations	6	100%	0.10	0.10	1.46	1.31	0.58	0.99	1.59	2.99	0.60	
All RB Locations	8	100%	0.10	0.10	2.03	0.64	0.46	0.57	2.38	8.58	1.82	
All AG Locations	8	100%	0.10	0.10	1.24	1.31	0.58	0.74	1.57	2.08	0.83	
All FB Locations	8	100%	0.10	0.10	0.42	0.34	0.21	0.30	0.40	1.03	0.10	
All Locations	30	100%	0.10	0.10	1.27	0.75	0.21	0.46	1.39	8.58	0.93	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-30. Summary statistics for arsenic dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.10	0.10	0.81	0.77	0.63	0.69	1.00	1.01	0.31	
CBX	6	100%	0.10	0.10	0.86	0.81	0.48	0.62	0.97	1.45	0.35	
RB111	6	100%	0.10	0.10	0.64	0.63	0.53	0.54	0.73	0.75	0.19	
RB202	6	83%	0.10	0.10	0.48	0.51	0.05	0.46	0.60	0.72	0.14	
AG174	6	100%	0.10	0.10	1.32	1.29	1.12	1.16	1.49	1.56	0.33	
AGG	6	100%	0.10	0.10	1.74	1.74	1.45	1.46	1.76	2.29	0.30	
FB200	6	100%	0.10	0.10	0.36	0.32	0.23	0.29	0.37	0.61	0.08	
FB203	6	100%	0.10	0.10	0.26	0.22	0.19	0.21	0.25	0.44	0.04	
All Snohomish CB Locations	12	100%	0.10	0.10	0.83	0.78	0.48	0.66	0.99	1.45	0.32	
All Snohomish RB Locations	12	92%	0.10	0.10	0.56	0.58	0.05	0.50	0.69	0.75	0.19	
All Snohomish AG Locations	12	100%	0.10	0.10	1.53	1.48	1.12	1.29	1.74	2.29	0.45	
All Snohomish FB Locations	12	100%	0.10	0.10	0.31	0.27	0.19	0.22	0.36	0.61	0.14	
All Snomomish Locations	48	98%	0.10	0.10	0.81	0.67	0.05	0.45	1.14	2.29	0.69	
Puyallup Watershed												
CBA	6	100%	0.10	0.10	0.59	0.57	0.39	0.40	0.60	0.99	0.20	
CBB	6	100%	0.10	0.10	0.57	0.56	0.35	0.54	0.66	0.76	0.12	
RB53	6	100%	0.10	0.10	1.57	1.13	0.76	1.03	2.25	3.09	1.22	
RB209	6	100%	0.10	0.10	0.55	0.56	0.47	0.52	0.59	0.60	0.07	
AG143	6	100%	0.10	0.10	0.75	0.69	0.57	0.60	0.78	1.17	0.18	
AG62	6	100%	0.10	0.10	0.55	0.53	0.37	0.41	0.68	0.79	0.27	
FB130	6	100%	0.10	0.10	0.20	0.21	0.15	0.17	0.24	0.24	0.07	
FB372	6	100%	0.10	0.10	0.35	0.34	0.28	0.32	0.37	0.47	0.05	
All Puyallup CB Locations	12	100%	0.10	0.10	0.58	0.56	0.35	0.47	0.63	0.99	0.16	
All Puyallup RB Locations	12	100%	0.10	0.10	1.06	0.68	0.47	0.56	1.13	3.09	0.57	
All Puyallup AG Locations	12	100%	0.10	0.10	0.65	0.61	0.37	0.53	0.77	1.17	0.23	
All Puyallup FB Locations	12	100%	0.10	0.10	0.28	0.26	0.15	0.21	0.34	0.47	0.12	
All Puyallup Locations	48	100%	0.10	0.10	0.64	0.56	0.15	0.37	0.72	3.09	0.35	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.10	0.10	0.71	0.64	0.35	0.56	0.87	1.45	0.31	
All RB Locations	24	96%	0.10	0.10	0.81	0.60	0.05	0.53	0.75	3.09	0.22	
All AG Locations	24	100%	0.10	0.10	1.09	1.14	0.37	0.61	1.48	2.29	0.87	
All FB Locations	24	100%	0.10	0.10	0.29	0.26	0.15	0.21	0.34	0.61	0.14	
All Locations	96	99%	0.10	0.10	0.72	0.60	0.05	0.38	0.87	3.09	0.49	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-31. Summary statistics for arsenic total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	0.10	0.10	1.47	1.47	1.47			1.47		
CBX	1	100%	0.10	0.10		2.88						
RB111	2	100%	0.10	0.10	0.79	0.79	0.70			0.88		
RB202	2	100%	0.10	0.10	0.53	0.53	0.53			0.53		
AG174	2	100%	0.10	0.10	1.59	1.59	1.52			1.66		
AGG	2	100%	0.10	0.10	2.26	2.26	2.12			2.41		
FB200	2	100%	0.10	0.10	0.87	0.87	0.50			1.24		
FB203	2	100%	0.10	0.10	0.34	0.34	0.32			0.36		
All Snohomish CB Locations	3	100%	0.10	0.10	1.94	1.47	1.47	1.47	2.53	2.88	1.06	
All Snohomish RB Locations	4	100%	0.10	0.10	0.66	0.62	0.53	0.53	0.79	0.88	0.26	
All Snohomish AG Locations	4	100%	0.10	0.10	1.93	1.89	1.52	1.59	2.26	2.41	0.68	
All Snohomish FB Locations	4	100%	0.10	0.10	0.61	0.43	0.32	0.34	0.87	1.24	0.53	
All Snomomish Locations	15	100%	0.10	0.10	1.24	1.24	0.32	0.53	1.62	2.88	1.10	
Puyallup Watershed												
CBA	2	100%	0.10	0.10	1.12	1.12	1.08			1.17		
CBB	1	100%	0.10	0.10		0.57						
RB53	2	100%	0.10	0.10	5.87	5.87	3.50			8.24		
RB209	2	100%	0.10	0.10	0.56	0.56	0.54			0.57		
AG143	2	100%	0.10	0.10	1.03	1.03	0.84			1.22		
AG62	2	100%	0.10	0.10	0.59	0.59	0.59			0.59		
FB130	2	100%	0.10	0.10	0.32	0.32	0.26			0.38		
FB372	2	100%	0.10	0.10	0.35	0.35	0.33			0.36		
All Puyallup CB Locations	3	100%	0.10	0.10	0.94	1.08	0.57	0.70	1.15	1.17	0.45	
All Puyallup RB Locations	4	100%	0.10	0.10	3.21	2.04	0.54	0.56	5.87	8.24	5.32	
All Puyallup AG Locations	4	100%	0.10	0.10	0.81	0.71	0.59	0.59	1.03	1.22	0.44	
All Puyallup FB Locations	4	100%	0.10	0.10	0.33	0.35	0.26	0.30	0.37	0.38	0.08	
All Puyallup Locations	15	100%	0.10	0.10	1.35	0.59	0.26	0.42	1.15	8.24	0.73	
All Monitoring Locations Combined												
All CB Locations	6	100%	0.10	0.10	1.44	1.32	0.57	1.08	1.47	2.88	0.39	
All RB Locations	8	100%	0.10	0.10	1.94	0.63	0.53	0.53	2.19	8.24	1.65	
All AG Locations	8	100%	0.10	0.10	1.37	1.37	0.59	0.71	1.89	2.41	1.17	
All FB Locations	8	100%	0.10	0.10	0.47	0.36	0.26	0.32	0.44	1.24	0.12	
All Locations	30	100%	0.10	0.10	1.29	0.77	0.26	0.53	1.47	8.24	0.94	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-31. Summary statistics for arsenic total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.10	0.10	0.93	0.92	0.81	0.84	0.99	1.10	0.15	
CBX	6	100%	0.10	0.10	1.30	1.16	0.86	1.01	1.28	2.33	0.27	
RB111	6	100%	0.10	0.10	0.80	0.76	0.61	0.71	0.91	1.07	0.20	
RB202	6	100%	0.10	0.10	0.96	0.98	0.61	0.64	1.11	1.42	0.47	
AG174	6	100%	0.10	0.10	2.12	2.11	1.19	1.86	2.49	2.95	0.63	
AGG	6	100%	0.10	0.10	2.24	1.94	1.77	1.78	2.39	3.63	0.61	
FB200	6	100%	0.10	0.10	1.11	0.39	0.29	0.33	0.53	4.73	0.20	
FB203	6	100%	0.10	0.10	0.34	0.26	0.19	0.24	0.37	0.73	0.13	
All Snohomish CB Locations	12	100%	0.10	0.10	1.11	1.00	0.81	0.86	1.16	2.33	0.31	
All Snohomish RB Locations	12	100%	0.10	0.10	0.88	0.84	0.61	0.67	1.05	1.42	0.37	
All Snohomish AG Locations	12	100%	0.10	0.10	2.18	2.01	1.19	1.82	2.44	3.63	0.62	
All Snohomish FB Locations	12	100%	0.10	0.10	0.73	0.34	0.19	0.26	0.48	4.73	0.22	
All Snomomish Locations	48	100%	0.10	0.10	1.23	0.99	0.19	0.62	1.77	4.73	1.15	
Puyallup Watershed												
CBA	6	100%	0.10	0.10	1.08	1.21	0.76	0.81	1.24	1.26	0.43	
CBB	6	100%	0.10	0.10	0.66	0.63	0.46	0.60	0.79	0.81	0.19	
RB53	6	100%	0.10	0.10	1.56	1.34	1.01	1.19	2.23	2.27	1.04	
RB209	6	100%	0.10	0.10	0.63	0.60	0.53	0.58	0.68	0.78	0.10	
AG143	6	100%	0.10	0.10	0.77	0.73	0.56	0.57	0.89	1.16	0.32	
AG62	6	100%	0.10	0.10	0.55	0.51	0.36	0.39	0.65	0.88	0.26	
FB130	6	100%	0.10	0.10	0.51	0.44	0.24	0.36	0.49	1.08	0.13	
FB372	6	100%	0.10	0.10	0.46	0.34	0.18	0.30	0.39	1.20	0.09	
All Puyallup CB Locations	12	100%	0.10	0.10	0.87	0.80	0.46	0.63	1.21	1.26	0.57	
All Puyallup RB Locations	12	100%	0.10	0.10	1.09	0.89	0.53	0.60	1.34	2.27	0.74	
All Puyallup AG Locations	12	100%	0.10	0.10	0.66	0.57	0.36	0.51	0.88	1.16	0.38	
All Puyallup FB Locations	12	100%	0.10	0.10	0.48	0.39	0.18	0.30	0.48	1.20	0.18	
All Puyallup Locations	48	100%	0.10	0.10	0.78	0.63	0.18	0.47	1.05	2.27	0.58	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.10	0.10	0.99	0.92	0.46	0.80	1.20	2.33	0.40	
All RB Locations	24	100%	0.10	0.10	0.99	0.85	0.53	0.62	1.15	2.27	0.52	
All AG Locations	24	100%	0.10	0.10	1.42	1.17	0.36	0.57	2.01	3.63	1.44	
All FB Locations	24	100%	0.10	0.10	0.60	0.37	0.18	0.27	0.48	4.73	0.20	
All Locations	96	100%	0.10	0.10	1.00	0.81	0.18	0.53	1.20	4.73	0.67	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-32. Summary statistics for barium dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

























CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-32. Summary statistics for barium dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	100%	0.10	0.10		 3.02						
CBX	1	100%	0.10	0.10		 11.00						
RB111	1	100%	0.10	0.10		 17.80						
RB202	1	100%	0.10	0.10		 6.71						
AG174	0											
AGG	0											
FB200	1	100%	0.10	0.10		 4.95						
FB203	1	100%	0.10	0.10		 6.89						
All Snohomish CB Locations	2	100%	0.10	0.10	7.01	 7.01	3.02			11.00		
All Snohomish RB Locations	2	100%	0.10	0.10	12.25	 12.25	6.71			17.80		
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	100%	0.10	0.10	5.92	 5.92	4.95			6.89		
All Snomomish Locations	6	100%	0.10	0.10	8.39	 6.80	3.02	4.95	11.00	17.80	6.05	
Puyallup Watershed												
CBA	1	100%	0.10	0.10		 2.34						
CBB	1	100%	0.10	0.10		 6.63						
RB53	1	100%	0.10	0.10		 16.40						
RB209	1	100%	0.10	0.10		 5.29						
AG143	0											
AG62	0											
FB130	1	100%	0.10	0.10		 28.50						
FB372	1	100%	0.10	0.10		 12.90						
All Puyallup CB Locations	2	100%	0.10	0.10	4.49	 4.49	2.34			6.63		
All Puyallup RB Locations	2	100%	0.10	0.10	10.84	 10.84	5.29			16.40		
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	100%	0.10	0.10	20.70	 20.70	12.90			28.50		
All Puyallup Locations	6	100%	0.10	0.10	12.01	 9.76	2.34	5.29	16.40	28.50	11.11	
All Monitoring Locations Combined												
All CB Locations	4	100%	0.10	0.10	5.75	 4.82	2.34	2.68	8.82	11.00	6.14	
All RB Locations	4	100%	0.10	0.10	11.55	 11.56	5.29	6.00	17.10	17.80	11.10	
All AG Locations	0											
All FB Locations	4	100%	0.10	0.10	13.31	 9.89	4.95	5.92	20.70	28.50	14.78	
All Locations	12	100%	0.10	0.10	10.20	 6.80	2.34	5.12	14.65	28.50	9.53	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-33. Summary statistics for barium total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snohomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-33. Summary statistics for barium total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	100%	0.10	0.10		8.80						
CBX	1	100%	0.10	0.10		25.50						
RB111	1	100%	0.10	0.10		24.70						
RB202	1	100%	0.10	0.10		16.40						
AG174	0											
AGG	0											
FB200	1	100%	0.10	0.10		79.40						
FB203	1	100%	0.10	0.10		12.80						
All Snohomish CB Locations	2	100%	0.10	0.10	17.15	17.15	8.80			25.50		
All Snohomish RB Locations	2	100%	0.10	0.10	20.55	20.55	16.40			24.70		
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	100%	0.10	0.10	46.10	46.10	12.80			79.40		
All Snomomish Locations	6	100%	0.10	0.10	27.93	20.55	8.80	12.80	25.50	79.40	12.70	
Puyallup Watershed												
CBA	1	100%	0.10	0.10		10.30						
CBB	1	100%	0.10	0.10		9.61						
RB53	1	100%	0.10	0.10		25.00						
RB209	1	100%	0.10	0.10		6.45						
AG143	0											
AG62	0											
FB130	1	100%	0.10	0.10		47.80						
FB372	1	100%	0.10	0.10		6.17						
All Puyallup CB Locations	2	100%	0.10	0.10	9.95	9.95	9.61			10.30		
All Puyallup RB Locations	2	100%	0.10	0.10	15.73	15.73	6.45			25.00		
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	100%	0.10	0.10	26.99	26.99	6.17			47.80		
All Puyallup Locations	6	100%	0.10	0.10	17.56	9.95	6.17	6.45	25.00	47.80	18.55	
All Monitoring Locations Combined												
All CB Locations	4	100%	0.10	0.10	13.55	9.95	8.80	9.20	17.90	25.50	8.69	
All RB Locations	4	100%	0.10	0.10	18.14	20.55	6.45	11.42	24.85	25.00	13.43	
All AG Locations	0											
All FB Locations	4	100%	0.10	0.10	36.54	30.30	6.17	9.49	63.60	79.40	54.12	
All Locations	12	100%	0.10	0.10	22.74	14.60	6.17	9.20	25.25	79.40	16.05	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-34. Summary statistics for beryllium dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-34. Summary statistics for beryllium dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.10	0.10						< 0.10		U
CBX	1	0%	0.10	0.10						< 0.10		U
RB111	1	0%	0.10	0.10						< 0.10		U
RB202	1	0%	0.10	0.10						< 0.10		U
AG174	0											
AGG	0											
FB200	1	0%	0.10	0.10						< 0.10		U
FB203	1	0%	0.10	0.10						< 0.10		U
All Snohomish CB Locations	2	0%	0.10	0.10						< 0.10		U
All Snohomish RB Locations	2	0%	0.10	0.10						< 0.10		U
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	0%	0.10	0.10						< 0.10		U
All Snomomish Locations	6	0%	0.10	0.10						< 0.10		U
Puyallup Watershed												
CBA	1	0%	0.10	0.10						< 0.10		U
CBB	1	0%	0.10	0.10						< 0.10		U
RB53	1	0%	0.10	0.10						< 0.10		U
RB209	1	0%	0.10	0.10						< 0.10		U
AG143	0											
AG62	0											
FB130	1	0%	0.10	0.10						< 0.10		U
FB372	1	0%	0.10	0.10						< 0.10		U
All Puyallup CB Locations	2	0%	0.10	0.10						< 0.10		U
All Puyallup RB Locations	2	0%	0.10	0.10						< 0.10		U
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	0%	0.10	0.10						< 0.10		U
All Puyallup Locations	6	0%	0.10	0.10						< 0.10		U
All Monitoring Locations Combined												
All CB Locations	4	0%	0.10	0.10						< 0.10		U
All RB Locations	4	0%	0.10	0.10						< 0.10		U
All AG Locations	0											
All FB Locations	4	0%	0.10	0.10						< 0.10		U
All Locations	12	0%	0.10	0.10						< 0.10		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-35. Summary statistics for beryllium total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-35. Summary statistics for beryllium total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.10	0.10						< 0.10		U
CBX	1	0%	0.10	0.10						< 0.10		U
RB111	1	0%	0.10	0.10						< 0.10		U
RB202	1	0%	0.10	0.10						< 0.10		U
AG174	0											
AGG	0											
FB200	1	0%	0.10	0.10						< 0.10		U
FB203	1	0%	0.10	0.10						< 0.10		U
All Snohomish CB Locations	2	0%	0.10	0.10						< 0.10		U
All Snohomish RB Locations	2	0%	0.10	0.10						< 0.10		U
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	0%	0.10	0.10						< 0.10		U
All Snomomish Locations	6	0%	0.10	0.10						< 0.10		U
Puyallup Watershed												
CBA	1	0%	0.10	0.10						< 0.10		U
CBB	1	0%	0.10	0.10						< 0.10		U
RB53	1	0%	0.10	0.10						< 0.10		U
RB209	1	0%	0.10	0.10						< 0.10		U
AG143	0											
AG62	0											
FB130	1	0%	0.10	0.10						< 0.10		U
FB372	1	0%	0.10	0.10						< 0.10		U
All Puyallup CB Locations	2	0%	0.10	0.10						< 0.10		U
All Puyallup RB Locations	2	0%	0.10	0.10						< 0.10		U
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	0%	0.10	0.10						< 0.10		U
All Puyallup Locations	6	0%	0.10	0.10						< 0.10		U
All Monitoring Locations Combined												
All CB Locations	4	0%	0.10	0.10						< 0.10		U
All RB Locations	4	0%	0.10	0.10						< 0.10		U
All AG Locations	0											
All FB Locations	4	0%	0.10	0.10						< 0.10		U
All Locations	12	0%	0.10	0.10						< 0.10		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-36. Summary statistics for cadmium dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	0.02	0.02	0.03	0.03	0.03			0.03		
CBX	1	100%	0.02	0.02		0.03						
RB111	2	0%	0.02	0.02						< 0.02		U
RB202	2	0%	0.02	0.02						< 0.02		U
AG174	2	0%	0.02	0.02						< 0.02		U
AGG	2	0%	0.02	0.02						< 0.02		U
FB200	2	0%	0.02	0.02						< 0.02		U
FB203	2	0%	0.02	0.02						< 0.02		U
All Snohomish CB Locations	3	100%	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.01	
All Snohomish RB Locations	4	0%	0.02	0.02						< 0.02		U
All Snohomish AG Locations	4	0%	0.02	0.02						< 0.02		U
All Snohomish FB Locations	4	0%	0.02	0.02						< 0.02		U
All Snomomish Locations	15	20%	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.03	0.00	E
Puyallup Watershed												
CBA	2	50%	0.02	0.02	0.02	0.02	0.01			0.02		E
CBB	1	0%	0.02	0.02						< 0.02		U
RB53	2	0%	0.02	0.02						< 0.02		U
RB209	2	0%	0.02	0.02						< 0.02		U
AG143	2	0%	0.02	0.02						< 0.02		U
AG62	2	0%	0.02	0.02						< 0.02		U
FB130	2	0%	0.02	0.02						< 0.02		U
FB372	2	0%	0.02	0.02						< 0.02		U
All Puyallup CB Locations	3	33%	0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.01	E
All Puyallup RB Locations	4	0%	0.02	0.02						< 0.02		U
All Puyallup AG Locations	4	0%	0.02	0.02						< 0.02		U
All Puyallup FB Locations	4	0%	0.02	0.02						< 0.02		U
All Puyallup Locations	15	7%	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.00	E
All Monitoring Locations Combined												
All CB Locations	6	67%	0.02	0.02	0.02	0.02	0.01	0.01	0.03	0.03	0.02	
All RB Locations	8	0%	0.02	0.02						< 0.02		U
All AG Locations	8	0%	0.02	0.02						< 0.02		U
All FB Locations	8	0%	0.02	0.02						< 0.02		U
All Locations	30	13%	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.03	0.00	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-36. Summary statistics for cadmium dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.02	0.02	0.10	0.10	0.08	0.09	0.10	0.13	0.01	
CBX	6	83%	0.02	0.02	0.03	0.03	0.01	0.02	0.03	0.04	0.01	
RB111	6	0%	0.02	0.02						< 0.02		U
RB202	6	0%	0.02	0.02						< 0.02		U
AG174	6	67%	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.03	0.01	
AGG	6	33%	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.05	0.01	E
FB200	6	0%	0.02	0.02						< 0.02		U
FB203	6	0%	0.02	0.02						< 0.02		U
All Snohomish CB Locations	12	92%	0.02	0.02	0.06	0.06	0.01	0.03	0.10	0.13	0.07	
All Snohomish RB Locations	12	0%	0.02	0.02						< 0.02		U
All Snohomish AG Locations	12	50%	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.05	0.01	E
All Snohomish FB Locations	12	0%	0.02	0.02						< 0.02		U
All Snomomish Locations	48	35%	0.02	0.02	0.03	0.01	0.01	0.01	0.03	0.13	0.02	E
Puyallup Watershed												
CBA	6	83%	0.02	0.02	0.03	0.03	0.01	0.02	0.03	0.05	0.01	
CBB	6	100%	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.05	0.01	
RB53	6	0%	0.02	0.02						< 0.02		U
RB209	6	0%	0.02	0.02						< 0.02		U
AG143	6	83%	0.02	0.02	0.03	0.03	0.01	0.02	0.04	0.06	0.02	
AG62	6	0%	0.02	0.02						< 0.02		U
FB130	6	0%	0.02	0.02						< 0.02		U
FB372	6	0%	0.02	0.02						< 0.02		U
All Puyallup CB Locations	12	92%	0.02	0.02	0.03	0.03	0.01	0.03	0.04	0.05	0.01	
All Puyallup RB Locations	12	0%	0.02	0.02						< 0.02		U
All Puyallup AG Locations	12	42%	0.02	0.02	0.02	0.01	0.01	0.01	0.03	0.06	0.02	E
All Puyallup FB Locations	12	0%	0.02	0.02						< 0.02		U
All Puyallup Locations	48	33%	0.02	0.02	0.02	0.01	0.01	0.01	0.03	0.06	0.02	E
All Monitoring Locations Combined												
All CB Locations	24	92%	0.02	0.02	0.05	0.03	0.01	0.03	0.06	0.13	0.04	
All RB Locations	24	0%	0.02	0.02						< 0.02		U
All AG Locations	24	46%	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.06	0.01	E
All FB Locations	24	0%	0.02	0.02						< 0.02		U
All Locations	96	34%	0.02	0.02	0.02	0.01	0.01	0.01	0.03	0.13	0.02	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-37. Summary statistics for cadmium total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.10	0.10						< 0.10		U
CBX	1	0%	0.10	0.10						< 0.10		U
RB111	2	0%	0.10	0.10						< 0.10		U
RB202	2	0%	0.10	0.10						< 0.10		U
AG174	2	0%	0.10	0.10						< 0.10		U
AGG	2	0%	0.10	0.10						< 0.10		U
FB200	2	0%	0.10	0.10						< 0.10		U
FB203	2	0%	0.10	0.10						< 0.10		U
All Snohomish CB Locations	3	0%	0.10	0.10						< 0.10		U
All Snohomish RB Locations	4	0%	0.10	0.10						< 0.10		U
All Snohomish AG Locations	4	0%	0.10	0.10						< 0.10		U
All Snohomish FB Locations	4	0%	0.10	0.10						< 0.10		U
All Snomomish Locations	15	0%	0.10	0.10						< 0.10		U
Puyallup Watershed												
CBA	2	0%	0.10	0.10						< 0.10		U
CBB	1	0%	0.10	0.10						< 0.10		U
RB53	2	0%	0.10	0.10						< 0.10		U
RB209	2	0%	0.10	0.10						< 0.10		U
AG143	2	0%	0.10	0.10						< 0.10		U
AG62	2	0%	0.10	0.10						< 0.10		U
FB130	2	0%	0.10	0.10						< 0.10		U
FB372	2	0%	0.10	0.10						< 0.10		U
All Puyallup CB Locations	3	0%	0.10	0.10						< 0.10		U
All Puyallup RB Locations	4	0%	0.10	0.10						< 0.10		U
All Puyallup AG Locations	4	0%	0.10	0.10						< 0.10		U
All Puyallup FB Locations	4	0%	0.10	0.10						< 0.10		U
All Puyallup Locations	15	0%	0.10	0.10						< 0.10		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.10	0.10						< 0.10		U
All RB Locations	8	0%	0.10	0.10						< 0.10		U
All AG Locations	8	0%	0.10	0.10						< 0.10		U
All FB Locations	8	0%	0.10	0.10						< 0.10		U
All Locations	30	0%	0.10	0.10						< 0.10		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-37. Summary statistics for cadmium total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.10	0.10	0.15	0.16	0.11	0.14	0.16	0.17	0.02	
CBX	6	0%	0.10	0.10						< 0.10		U
RB111	6	0%	0.10	0.10						< 0.10		U
RB202	6	0%	0.10	0.10						< 0.10		U
AG174	6	0%	0.10	0.10						< 0.10		U
AGG	6	0%	0.10	0.10						< 0.10		U
FB200	6	0%	0.10	0.10						< 0.10		U
FB203	6	0%	0.10	0.10						< 0.10		U
All Snohomish CB Locations	12	50%	0.10	0.10	0.10	0.08	0.05	0.05	0.16	0.17	0.11	E
All Snohomish RB Locations	12	0%	0.10	0.10						< 0.10		U
All Snohomish AG Locations	12	0%	0.10	0.10						< 0.10		U
All Snohomish FB Locations	12	0%	0.10	0.10						< 0.10		U
All Snomomish Locations	48	13%	0.10	0.10	0.06	0.05	0.05	0.05	0.05	0.17	0.00	E
Puyallup Watershed												
CBA	6	33%	0.10	0.10	0.09	0.05	0.05	0.05	0.16	0.18	0.11	E
CBB	6	0%	0.10	0.10						< 0.10		U
RB53	6	0%	0.10	0.10						< 0.10		U
RB209	6	0%	0.10	0.10						< 0.10		U
AG143	6	0%	0.10	0.10						< 0.10		U
AG62	6	0%	0.10	0.10						< 0.10		U
FB130	6	0%	0.10	0.10						< 0.10		U
FB372	6	0%	0.10	0.10						< 0.10		U
All Puyallup CB Locations	12	17%	0.10	0.10	0.07	0.05	0.05	0.05	0.05	0.18	0.00	E
All Puyallup RB Locations	12	0%	0.10	0.10						< 0.10		U
All Puyallup AG Locations	12	0%	0.10	0.10						< 0.10		U
All Puyallup FB Locations	12	0%	0.10	0.10						< 0.10		U
All Puyallup Locations	48	4%	0.10	0.10	0.05	0.05	0.05	0.05	0.05	0.18	0.00	E
All Monitoring Locations Combined												
All CB Locations	24	33%	0.10	0.10	0.09	0.05	0.05	0.05	0.15	0.18	0.10	E
All RB Locations	24	0%	0.10	0.10						< 0.10		U
All AG Locations	24	0%	0.10	0.10						< 0.10		U
All FB Locations	24	0%	0.10	0.10						< 0.10		U
All Locations	96	8%	0.10	0.10	0.06	0.05	0.05	0.05	0.05	0.18	0.00	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-38. Summary statistics for cobalt dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-38. Summary statistics for cobalt dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.10	0.10						< 0.10		U
CBX	1	100%	0.10	0.10		0.10						
RB111	1	100%	0.10	0.10		0.10						
RB202	1	100%	0.10	0.10		0.16						
AG174	0											
AGG	0											
FB200	1	0%	0.10	0.10						< 0.10		U
FB203	1	0%	0.10	0.10						< 0.10		U
All Snohomish CB Locations	2	50%	0.10	0.10	0.08	0.08	0.05			0.10		E
All Snohomish RB Locations	2	100%	0.10	0.10	0.13	0.13	0.10			0.16		
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	0%	0.10	0.10						< 0.10		U
All Snomomish Locations	6	50%	0.10	0.10	0.09	0.08	0.05	0.05	0.10	0.16	0.05	E
Puyallup Watershed												
CBA	1	100%	0.10	0.10		0.17						
CBB	1	0%	0.10	0.10						< 0.10		U
RB53	1	100%	0.10	0.10		0.18						
RB209	1	100%	0.10	0.10		0.32						
AG143	0											
AG62	0											
FB130	1	100%	0.10	0.10		1.48						
FB372	1	100%	0.10	0.10		0.58						
All Puyallup CB Locations	2	50%	0.10	0.10	0.11	0.11	0.05			0.17		E
All Puyallup RB Locations	2	100%	0.10	0.10	0.25	0.25	0.18			0.32		
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	100%	0.10	0.10	1.03	1.03	0.58			1.48		
All Puyallup Locations	6	83%	0.10	0.10	0.46	0.25	0.05	0.17	0.58	1.48	0.41	
All Monitoring Locations Combined												
All CB Locations	4	50%	0.10	0.10	0.09	0.08	0.05	0.05	0.14	0.17	0.09	E
All RB Locations	4	100%	0.10	0.10	0.19	0.17	0.10	0.13	0.25	0.32	0.12	
All AG Locations	0											
All FB Locations	4	50%	0.10	0.10	0.54	0.31	0.05	0.05	1.03	1.48	0.98	E
All Locations	12	67%	0.10	0.10	0.27	0.13	0.05	0.05	0.25	1.48	0.20	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-39. Summary statistics for cobalt total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-39. Summary statistics for cobalt total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	100%	0.10	0.10		0.51						
CBX	1	100%	0.10	0.10		1.04						
RB111	1	100%	0.10	0.10		0.48						
RB202	1	100%	0.10	0.10		0.80						
AG174	0											
AGG	0											
FB200	1	100%	0.10	0.10		5.18						
FB203	1	100%	0.10	0.10		0.49						
All Snohomish CB Locations	2	100%	0.10	0.10	0.77	0.77	0.51			1.04		
All Snohomish RB Locations	2	100%	0.10	0.10	0.64	0.64	0.48			0.80		
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	100%	0.10	0.10	2.84	2.84	0.49			5.18		
All Snomomish Locations	6	100%	0.10	0.10	1.42	0.65	0.48	0.49	1.04	5.18	0.55	
Puyallup Watershed												
CBA	1	100%	0.10	0.10		0.85						
CBB	1	100%	0.10	0.10		0.22						
RB53	1	100%	0.10	0.10		0.60						
RB209	1	100%	0.10	0.10		0.38						
AG143	0											
AG62	0											
FB130	1	100%	0.10	0.10		5.20						
FB372	1	100%	0.10	0.10		0.20						
All Puyallup CB Locations	2	100%	0.10	0.10	0.54	0.54	0.22			0.85		
All Puyallup RB Locations	2	100%	0.10	0.10	0.49	0.49	0.38			0.60		
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	100%	0.10	0.10	2.70	2.70	0.20			5.20		
All Puyallup Locations	6	100%	0.10	0.10	1.24	0.49	0.20	0.22	0.85	5.20	0.63	
All Monitoring Locations Combined												
All CB Locations	4	100%	0.10	0.10	0.65	0.68	0.22	0.37	0.94	1.04	0.58	
All RB Locations	4	100%	0.10	0.10	0.56	0.54	0.38	0.43	0.70	0.80	0.27	
All AG Locations	0											
All FB Locations	4	100%	0.10	0.10	2.77	2.84	0.20	0.34	5.19	5.20	4.84	
All Locations	12	100%	0.10	0.10	1.33	0.56	0.20	0.43	0.94	5.20	0.51	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-40. Summary statistics for copper dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	0.10	0.10	0.82	0.82	0.75			0.90		
CBX	1	100%	0.10	0.10		1.45						
RB111	2	100%	0.10	0.10	0.69	0.69	0.60			0.78		
RB202	2	100%	0.10	0.10	0.70	0.70	0.67			0.73		
AG174	2	100%	0.10	0.10	1.44	1.44	1.04			1.85		
AGG	2	100%	0.10	0.10	0.81	0.81	0.68			0.93		
FB200	2	100%	0.10	0.10	0.49	0.49	0.35			0.62		
FB203	2	100%	0.10	0.10	0.37	0.37	0.36			0.38		
All Snohomish CB Locations	3	100%	0.10	0.10	1.03	0.90	0.75	0.79	1.31	1.45	0.52	
All Snohomish RB Locations	4	100%	0.10	0.10	0.69	0.70	0.60	0.63	0.75	0.78	0.12	
All Snohomish AG Locations	4	100%	0.10	0.10	1.12	0.99	0.68	0.81	1.44	1.85	0.64	
All Snohomish FB Locations	4	100%	0.10	0.10	0.43	0.37	0.35	0.36	0.50	0.62	0.14	
All Snomomish Locations	15	100%	0.10	0.10	0.81	0.73	0.35	0.61	0.92	1.85	0.32	
Puyallup Watershed												
CBA	2	100%	0.10	0.10	1.61	1.61	1.44			1.77		
CBB	1	100%	0.10	0.10		3.05						
RB53	2	100%	0.10	0.10	0.56	0.56	0.40			0.72		
RB209	2	100%	0.10	0.10	0.41	0.41	0.38			0.44		
AG143	2	100%	0.10	0.10	8.21	8.21	7.93			8.49		
AG62	2	100%	0.10	0.10	1.47	1.47	1.33			1.61		
FB130	2	100%	0.10	0.10	0.47	0.47	0.42			0.53		
FB372	2	100%	0.10	0.10	1.00	1.00	0.72			1.28		
All Puyallup CB Locations	3	100%	0.10	0.10	2.09	1.77	1.44	1.52	2.73	3.05	1.21	
All Puyallup RB Locations	4	100%	0.10	0.10	0.49	0.42	0.38	0.39	0.58	0.72	0.19	
All Puyallup AG Locations	4	100%	0.10	0.10	4.84	4.77	1.33	1.47	8.21	8.49	6.74	
All Puyallup FB Locations	4	100%	0.10	0.10	0.74	0.62	0.42	0.47	1.00	1.28	0.52	
All Puyallup Locations	15	100%	0.10	0.10	2.03	1.28	0.38	0.46	1.73	8.49	1.27	
All Monitoring Locations Combined												
All CB Locations	6	100%	0.10	0.10	1.56	1.45	0.75	0.90	1.77	3.05	0.87	
All RB Locations	8	100%	0.10	0.10	0.59	0.63	0.38	0.42	0.73	0.78	0.31	
All AG Locations	8	100%	0.10	0.10	2.98	1.47	0.68	0.99	4.89	8.49	3.90	
All FB Locations	8	100%	0.10	0.10	0.58	0.47	0.35	0.37	0.67	1.28	0.30	
All Locations	30	100%	0.10	0.10	1.42	0.74	0.35	0.53	1.44	8.49	0.91	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-40. Summary statistics for copper dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.10	0.10	2.48	2.38	2.11	2.11	2.91	3.02	0.80	
CBX	6	100%	0.10	0.10	2.65	2.36	2.14	2.24	3.38	3.40	1.14	
RB111	6	100%	0.10	0.10	0.93	0.91	0.74	0.77	1.06	1.20	0.29	
RB202	6	83%	0.10	0.10	1.34	1.46	0.05	0.98	1.67	2.38	0.69	
AG174	6	100%	0.10	0.10	4.45	4.48	3.04	3.66	5.11	5.92	1.45	
AGG	6	100%	0.10	0.10	2.38	2.10	1.46	1.93	3.20	3.46	1.27	
FB200	6	100%	0.10	0.10	0.49	0.43	0.35	0.40	0.46	0.90	0.06	
FB203	6	100%	0.10	0.10	0.53	0.49	0.41	0.46	0.58	0.72	0.12	
All Snohomish CB Locations	12	100%	0.10	0.10	2.56	2.36	2.11	2.19	2.97	3.40	0.77	
All Snohomish RB Locations	12	92%	0.10	0.10	1.13	1.04	0.05	0.79	1.46	2.38	0.68	
All Snohomish AG Locations	12	100%	0.10	0.10	3.41	3.33	1.46	2.10	4.48	5.92	2.38	
All Snohomish FB Locations	12	100%	0.10	0.10	0.51	0.46	0.35	0.41	0.54	0.90	0.14	
All Snomomish Locations	48	98%	0.10	0.10	1.90	1.80	0.05	0.73	2.70	5.92	1.97	
Puyallup Watershed												
CBA	6	100%	0.10	0.10	1.65	1.62	1.23	1.35	2.03	2.05	0.68	
CBB	6	100%	0.10	0.10	2.74	2.66	1.81	2.40	3.02	3.88	0.62	
RB53	6	100%	0.10	0.10	2.80	2.30	1.48	2.12	3.92	4.69	1.80	
RB209	6	100%	0.10	0.10	0.89	0.81	0.62	0.64	1.00	1.47	0.36	
AG143	6	100%	0.10	0.10	8.49	8.34	7.43	8.16	9.08	9.57	0.92	
AG62	6	100%	0.10	0.10	3.58	3.74	2.22	3.30	4.21	4.23	0.91	
FB130	6	100%	0.10	0.10	0.43	0.44	0.32	0.39	0.46	0.51	0.07	
FB372	6	100%	0.10	0.10	2.03	1.95	0.92	1.32	2.09	3.95	0.77	
All Puyallup CB Locations	12	100%	0.10	0.10	2.20	2.04	1.23	1.62	2.66	3.88	1.04	
All Puyallup RB Locations	12	100%	0.10	0.10	1.85	1.48	0.62	0.81	2.30	4.69	1.49	
All Puyallup AG Locations	12	100%	0.10	0.10	6.03	5.83	2.22	3.74	8.34	9.57	4.59	
All Puyallup FB Locations	12	100%	0.10	0.10	1.23	0.72	0.32	0.44	1.95	3.95	1.51	
All Puyallup Locations	48	100%	0.10	0.10	2.83	2.07	0.32	1.12	3.90	9.57	2.79	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.10	0.10	2.38	2.28	1.23	2.04	2.85	3.88	0.81	
All RB Locations	24	96%	0.10	0.10	1.49	1.13	0.05	0.79	1.89	4.69	1.11	
All AG Locations	24	100%	0.10	0.10	4.72	4.07	1.46	3.12	6.68	9.57	3.56	
All FB Locations	24	100%	0.10	0.10	0.87	0.47	0.32	0.41	0.91	3.95	0.50	
All Locations	96	99%	0.10	0.10	2.37	2.03	0.05	0.86	3.12	9.57	2.27	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented
































CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-41. Summary statistics for copper total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	0.10	0.10	1.08	 1.08	0.87			1.28		
CBX	1	100%	0.10	0.10		 1.71						
RB111	2	100%	0.10	0.10	0.80	 0.80	0.72			0.88		
RB202	2	100%	0.10	0.10	0.93	 0.93	0.87			0.99		
AG174	2	100%	0.10	0.10	1.74	 1.74	1.30			2.17		
AGG	2	100%	0.10	0.10	0.95	 0.95	0.81			1.08		
FB200	2	100%	0.10	0.10	0.58	 0.58	0.43			0.73		
FB203	2	100%	0.10	0.10	0.55	 0.55	0.48			0.61		
All Snohomish CB Locations	3	100%	0.10	0.10	1.29	 1.28	0.87	0.97	1.60	1.71	0.63	
All Snohomish RB Locations	4	100%	0.10	0.10	0.87	 0.88	0.72	0.80	0.94	0.99	0.14	
All Snohomish AG Locations	4	100%	0.10	0.10	1.34	 1.19	0.81	0.95	1.74	2.17	0.79	
All Snohomish FB Locations	4	100%	0.10	0.10	0.56	 0.55	0.43	0.45	0.67	0.73	0.22	
All Snomomish Locations	15	100%	0.10	0.10	1.00	 0.87	0.43	0.72	1.23	2.17	0.51	
Puyallup Watershed												
CBA	2	100%	0.10	0.10	2.13	 2.13	2.05			2.22		
CBB	1	100%	0.10	0.10		 3.44						
RB53	2	100%	0.10	0.10	0.81	 0.81	0.62			1.00		
RB209	2	100%	0.10	0.10	0.79	 0.79	0.64			0.95		
AG143	2	100%	0.10	0.10	9.28	 9.28	9.23			9.34		
AG62	2	100%	0.10	0.10	1.69	 1.69	1.55			1.84		
FB130	2	100%	0.10	0.10	0.62	 0.62	0.59			0.66		
FB372	2	100%	0.10	0.10	1.20	 1.20	0.84			1.56		
All Puyallup CB Locations	3	100%	0.10	0.10	2.57	 2.22	2.05	2.09	3.13	3.44	1.04	
All Puyallup RB Locations	4	100%	0.10	0.10	0.80	 0.79	0.62	0.63	0.98	1.00	0.34	
All Puyallup AG Locations	4	100%	0.10	0.10	5.49	 5.53	1.55	1.69	9.28	9.34	7.59	
All Puyallup FB Locations	4	100%	0.10	0.10	0.91	 0.75	0.59	0.62	1.20	1.56	0.57	
All Puyallup Locations	15	100%	0.10	0.10	2.44	 1.55	0.59	0.70	2.18	9.34	1.47	
All Monitoring Locations Combined												
All CB Locations	6	100%	0.10	0.10	1.93	 1.88	0.87	1.28	2.22	3.44	0.94	
All RB Locations	8	100%	0.10	0.10	0.83	 0.88	0.62	0.68	0.97	1.00	0.29	
All AG Locations	8	100%	0.10	0.10	3.41	 1.69	0.81	1.19	5.70	9.34	4.51	
All FB Locations	8	100%	0.10	0.10	0.74	 0.63	0.43	0.53	0.78	1.56	0.25	
All Locations	30	100%	0.10	0.10	1.72	 0.97	0.43	0.72	1.71	9.34	0.99	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-41. Summary statistics for copper total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.10	0.10	3.91	3.84	3.02	3.57	4.31	4.89	0.74	
CBX	6	100%	0.10	0.10	4.99	4.86	3.49	4.51	5.41	6.84	0.90	
RB111	6	100%	0.10	0.10	3.06	1.81	1.16	1.42	2.22	9.91	0.80	
RB202	6	100%	0.10	0.10	2.96	3.01	1.60	1.96	3.90	4.28	1.94	
AG174	6	100%	0.10	0.10	6.72	7.14	3.40	5.99	7.70	8.94	1.71	
AGG	6	100%	0.10	0.10	2.94	2.75	2.16	2.25	3.78	3.93	1.53	
FB200	6	100%	0.10	0.10	2.00	0.57	0.48	0.53	0.71	9.15	0.18	
FB203	6	100%	0.10	0.10	1.36	0.77	0.54	0.70	1.75	3.64	1.05	
All Snohomish CB Locations	12	100%	0.10	0.10	4.45	4.41	3.02	3.69	4.89	6.84	1.20	
All Snohomish RB Locations	12	100%	0.10	0.10	3.01	2.20	1.16	1.53	3.70	9.91	2.17	
All Snohomish AG Locations	12	100%	0.10	0.10	4.83	3.86	2.16	2.75	7.14	8.94	4.39	
All Snohomish FB Locations	12	100%	0.10	0.10	1.68	0.70	0.48	0.53	1.27	9.15	0.74	
All Snomomish Locations	48	100%	0.10	0.10	3.49	3.45	0.48	1.53	4.67	9.91	3.14	
Puyallup Watershed												
CBA	6	100%	0.10	0.10	3.78	3.40	2.65	3.12	4.70	5.40	1.58	
CBB	6	100%	0.10	0.10	3.99	3.71	2.74	3.15	4.72	5.90	1.57	
RB53	6	100%	0.10	0.10	3.50	3.26	2.20	2.77	3.63	5.92	0.86	
RB209	6	100%	0.10	0.10	1.57	1.21	1.08	1.11	1.55	3.28	0.44	
AG143	6	100%	0.10	0.10	10.21	9.90	9.25	9.30	10.80	12.10	1.50	
AG62	6	100%	0.10	0.10	4.38	4.57	2.66	4.07	4.85	5.54	0.78	
FB130	6	100%	0.10	0.10	0.95	0.82	0.51	0.62	1.01	1.92	0.39	
FB372	6	100%	0.10	0.10	3.44	2.26	1.11	1.75	2.96	10.30	1.21	
All Puyallup CB Locations	12	100%	0.10	0.10	3.88	3.62	2.65	3.13	4.71	5.90	1.58	
All Puyallup RB Locations	12	100%	0.10	0.10	2.54	2.49	1.08	1.21	3.40	5.92	2.18	
All Puyallup AG Locations	12	100%	0.10	0.10	7.29	7.39	2.66	4.57	9.90	12.10	5.33	
All Puyallup FB Locations	12	100%	0.10	0.10	2.20	1.43	0.51	0.82	2.26	10.30	1.43	
All Puyallup Locations	48	100%	0.10	0.10	3.98	3.17	0.51	1.84	4.78	12.10	2.95	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.10	0.10	4.17	3.84	2.65	3.34	4.86	6.84	1.52	
All RB Locations	24	100%	0.10	0.10	2.77	2.21	1.08	1.43	3.51	9.91	2.08	
All AG Locations	24	100%	0.10	0.10	6.06	5.19	2.16	3.59	9.09	12.10	5.51	
All FB Locations	24	100%	0.10	0.10	1.94	0.82	0.48	0.62	1.97	10.30	1.36	
All Locations	96	100%	0.10	0.10	3.74	3.24	0.48	1.67	4.77	12.10	3.10	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-42. Summary statistics for lead dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	0.02	0.02	0.02	0.02	0.01			0.03		E
CBX	1	100%	0.02	0.02		0.10						
RB111	2	100%	0.02	0.02	0.11	0.11	0.10			0.12		
RB202	2	100%	0.02	0.02	0.05	0.05	0.04			0.05		
AG174	2	100%	0.02	0.02	0.06	0.06	0.06			0.06		
AGG	2	50%	0.02	0.02	0.02	0.02	0.01			0.03		E
FB200	2	100%	0.02	0.02	0.06	0.06	0.04			0.08		
FB203	2	0%	0.02	0.02						< 0.02		U
All Snohomish CB Locations	3	67%	0.02	0.02	0.04	0.03	0.01	0.01	0.08	0.10	0.07	
All Snohomish RB Locations	4	100%	0.02	0.02	0.08	0.08	0.04	0.05	0.11	0.12	0.06	
All Snohomish AG Locations	4	75%	0.02	0.02	0.04	0.04	0.01	0.02	0.06	0.06	0.04	
All Snohomish FB Locations	4	50%	0.02	0.02	0.04	0.03	0.01	0.01	0.06	0.08	0.05	E
All Snomomish Locations	15	73%	0.02	0.02	0.05	0.04	0.01	0.01	0.08	0.12	0.06	
Puyallup Watershed												
CBA	2	100%	0.02	0.02	0.23	0.23	0.22			0.23		
CBB	1	100%	0.02	0.02		0.51						
RB53	2	100%	0.02	0.02	0.04	0.04	0.04			0.04		
RB209	2	100%	0.02	0.02	0.03	0.03	0.03			0.04		
AG143	2	100%	0.02	0.02	0.10	0.10	0.08			0.12		
AG62	2	100%	0.02	0.02	0.03	0.03	0.03			0.04		
FB130	2	50%	0.02	0.02	0.02	0.02	0.01			0.03		E
FB372	2	50%	0.02	0.02	0.02	0.02	0.01			0.04		E
All Puyallup CB Locations	3	100%	0.02	0.02	0.32	0.23	0.22	0.23	0.44	0.51	0.21	
All Puyallup RB Locations	4	100%	0.02	0.02	0.04	0.04	0.03	0.03	0.04	0.04	0.00	
All Puyallup AG Locations	4	100%	0.02	0.02	0.07	0.06	0.03	0.03	0.10	0.12	0.06	
All Puyallup FB Locations	4	50%	0.02	0.02	0.02	0.02	0.01	0.01	0.03	0.04	0.02	E
All Puyallup Locations	15	87%	0.02	0.02	0.10	0.04	0.01	0.03	0.11	0.51	0.08	
All Monitoring Locations Combined												
All CB Locations	6	83%	0.02	0.02	0.18	0.16	0.01	0.03	0.23	0.51	0.21	
All RB Locations	8	100%	0.02	0.02	0.06	0.04	0.03	0.04	0.08	0.12	0.04	
All AG Locations	8	88%	0.02	0.02	0.05	0.05	0.01	0.03	0.07	0.12	0.04	
All FB Locations	8	50%	0.02	0.02	0.03	0.02	0.01	0.01	0.04	0.08	0.03	E
All Locations	30	80%	0.02	0.02	0.07	0.04	0.01	0.03	0.08	0.51	0.06	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-42. Summary statistics for lead dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.02	0.02	0.19	0.17	0.12	0.14	0.20	0.29	0.06	
CBX	6	100%	0.02	0.02	0.21	0.21	0.14	0.18	0.26	0.26	0.08	
RB111	6	100%	0.02	0.02	0.09	0.09	0.06	0.06	0.10	0.13	0.03	
RB202	6	83%	0.02	0.02	0.17	0.19	0.01	0.16	0.22	0.24	0.06	
AG174	6	100%	0.02	0.02	0.13	0.14	0.09	0.11	0.16	0.16	0.05	
AGG	6	100%	0.02	0.02	0.08	0.09	0.04	0.05	0.10	0.11	0.05	
FB200	6	100%	0.02	0.02	0.05	0.05	0.04	0.05	0.06	0.06	0.01	
FB203	6	100%	0.02	0.02	0.06	0.04	0.03	0.03	0.07	0.16	0.04	
All Snohomish CB Locations	12	100%	0.02	0.02	0.20	0.18	0.12	0.16	0.25	0.29	0.09	
All Snohomish RB Locations	12	92%	0.02	0.02	0.13	0.11	0.01	0.08	0.19	0.24	0.11	
All Snohomish AG Locations	12	100%	0.02	0.02	0.11	0.11	0.04	0.09	0.14	0.16	0.05	
All Snohomish FB Locations	12	100%	0.02	0.02	0.06	0.05	0.03	0.04	0.06	0.16	0.02	
All Snomomish Locations	48	98%	0.02	0.02	0.12	0.11	0.01	0.06	0.17	0.29	0.11	
Puyallup Watershed												
CBA	6	100%	0.02	0.02	0.23	0.19	0.13	0.17	0.34	0.34	0.17	
CBB	6	100%	0.02	0.02	0.58	0.64	0.29	0.53	0.69	0.73	0.16	
RB53	6	100%	0.02	0.02	0.12	0.12	0.06	0.08	0.13	0.20	0.05	
RB209	6	100%	0.02	0.02	0.10	0.10	0.04	0.05	0.14	0.16	0.09	
AG143	6	100%	0.02	0.02	0.11	0.11	0.06	0.07	0.15	0.15	0.08	
AG62	6	100%	0.02	0.02	0.11	0.11	0.07	0.08	0.13	0.15	0.05	
FB130	6	50%	0.02	0.02	0.02	0.01	0.01	0.01	0.03	0.06	0.02	E
FB372	6	100%	0.02	0.02	0.14	0.09	0.03	0.04	0.10	0.48	0.06	
All Puyallup CB Locations	12	100%	0.02	0.02	0.41	0.34	0.13	0.19	0.64	0.73	0.45	
All Puyallup RB Locations	12	100%	0.02	0.02	0.11	0.12	0.04	0.07	0.14	0.20	0.07	
All Puyallup AG Locations	12	100%	0.02	0.02	0.11	0.11	0.06	0.08	0.14	0.15	0.07	
All Puyallup FB Locations	12	75%	0.02	0.02	0.08	0.04	0.01	0.01	0.09	0.48	0.07	
All Puyallup Locations	48	94%	0.02	0.02	0.18	0.13	0.01	0.07	0.17	0.73	0.10	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.02	0.02	0.30	0.23	0.12	0.17	0.34	0.73	0.17	
All RB Locations	24	96%	0.02	0.02	0.12	0.12	0.01	0.07	0.16	0.24	0.09	
All AG Locations	24	100%	0.02	0.02	0.11	0.11	0.04	0.08	0.14	0.16	0.06	
All FB Locations	24	88%	0.02	0.02	0.07	0.05	0.01	0.03	0.07	0.48	0.04	
All Locations	96	96%	0.02	0.02	0.15	0.12	0.01	0.06	0.17	0.73	0.10	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-43. Summary statistics for lead total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.10	0.10						< 0.10		U
CBX	1	100%	0.10	0.10		0.14						
RB111	2	100%	0.10	0.10	0.17	0.17	0.16			0.18		
RB202	2	100%	0.10	0.10	0.13	0.13	0.11			0.15		
AG174	2	100%	0.10	0.10	0.13	0.13	0.13			0.14		
AGG	2	0%	0.10	0.10						< 0.10		U
FB200	2	50%	0.10	0.10	0.09	0.09	0.05			0.12		E
FB203	2	50%	0.10	0.10	0.09	0.09	0.05			0.14		E
All Snohomish CB Locations	3	33%	0.10	0.10	0.08	0.05	0.05	0.05	0.12	0.14	0.07	E
All Snohomish RB Locations	4	100%	0.10	0.10	0.15	0.16	0.11	0.13	0.17	0.18	0.04	
All Snohomish AG Locations	4	50%	0.10	0.10	0.09	0.09	0.05	0.05	0.13	0.14	0.09	E
All Snohomish FB Locations	4	50%	0.10	0.10	0.09	0.09	0.05	0.05	0.13	0.14	0.08	E
All Snomomish Locations	15	60%	0.10	0.10	0.10	0.12	0.05	0.05	0.14	0.18	0.09	
Puyallup Watershed												
CBA	2	100%	0.10	0.10	0.44	0.44	0.40			0.49		
CBB	1	100%	0.10	0.10		0.74						
RB53	2	100%	0.10	0.10	0.13	0.13	0.13			0.14		
RB209	2	100%	0.10	0.10	0.32	0.32	0.17			0.47		
AG143	2	100%	0.10	0.10	0.21	0.21	0.18			0.23		
AG62	2	0%	0.10	0.10						< 0.10		U
FB130	2	0%	0.10	0.10						< 0.10		U
FB372	2	0%	0.10	0.10						< 0.10		U
All Puyallup CB Locations	3	100%	0.10	0.10	0.54	0.49	0.40	0.42	0.68	0.74	0.25	
All Puyallup RB Locations	4	100%	0.10	0.10	0.23	0.16	0.13	0.13	0.32	0.47	0.19	
All Puyallup AG Locations	4	50%	0.10	0.10	0.13	0.12	0.05	0.05	0.21	0.23	0.16	E
All Puyallup FB Locations	4	0%	0.10	0.10						< 0.10		U
All Puyallup Locations	15	60%	0.10	0.10	0.22	0.14	0.05	0.05	0.36	0.74	0.31	
All Monitoring Locations Combined												
All CB Locations	6	67%	0.10	0.10	0.31	0.27	0.05	0.05	0.49	0.74	0.44	
All RB Locations	8	100%	0.10	0.10	0.19	0.16	0.11	0.13	0.18	0.47	0.04	
All AG Locations	8	50%	0.10	0.10	0.11	0.09	0.05	0.05	0.16	0.23	0.11	E
All FB Locations	8	25%	0.10	0.10	0.07	0.05	0.05	0.05	0.09	0.14	0.04	E
All Locations	30	60%	0.10	0.10	0.16	0.13	0.05	0.05	0.17	0.74	0.12	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-43. Summary statistics for lead total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.10	0.10	1.06	1.08	0.28	0.72	1.51	1.71	0.79	
CBX	6	100%	0.10	0.10	1.89	1.84	0.91	1.25	2.49	3.01	1.24	
RB111	6	100%	0.10	0.10	0.56	0.47	0.30	0.36	0.75	0.99	0.39	
RB202	6	100%	0.10	0.10	1.12	1.13	0.45	0.50	1.49	2.04	0.99	
AG174	6	83%	0.10	0.10	0.90	0.88	0.05	0.51	1.21	1.88	0.70	
AGG	6	83%	0.10	0.10	0.22	0.25	0.05	0.16	0.26	0.35	0.10	
FB200	6	67%	0.10	0.10	0.49	0.11	0.05	0.05	0.15	2.45	0.10	
FB203	6	50%	0.10	0.10	0.16	0.08	0.05	0.05	0.17	0.52	0.12	E
All Snohomish CB Locations	12	100%	0.10	0.10	1.47	1.36	0.28	0.85	2.01	3.01	1.17	
All Snohomish RB Locations	12	100%	0.10	0.10	0.84	0.64	0.30	0.43	1.15	2.04	0.73	
All Snohomish AG Locations	12	83%	0.10	0.10	0.56	0.31	0.05	0.20	0.88	1.88	0.69	
All Snohomish FB Locations	12	58%	0.10	0.10	0.32	0.11	0.05	0.05	0.16	2.45	0.11	
All Snomomish Locations	48	85%	0.10	0.10	0.80	0.51	0.05	0.16	1.28	3.01	1.12	
Puyallup Watershed												
CBA	6	100%	0.10	0.10	2.08	1.88	0.76	1.06	3.43	3.45	2.37	
CBB	6	100%	0.10	0.10	2.34	2.35	1.17	1.73	2.82	3.64	1.09	
RB53	6	100%	0.10	0.10	0.69	0.74	0.22	0.33	1.04	1.11	0.71	
RB209	6	100%	0.10	0.10	0.58	0.42	0.25	0.32	0.59	1.46	0.27	
AG143	6	100%	0.10	0.10	0.36	0.29	0.16	0.17	0.60	0.65	0.43	
AG62	6	100%	0.10	0.10	0.33	0.28	0.18	0.18	0.49	0.53	0.31	
FB130	6	83%	0.10	0.10	0.19	0.15	0.05	0.11	0.20	0.51	0.09	
FB372	6	83%	0.10	0.10	0.47	0.15	0.05	0.14	0.20	2.10	0.06	
All Puyallup CB Locations	12	100%	0.10	0.10	2.21	2.03	0.76	1.41	3.12	3.64	1.71	
All Puyallup RB Locations	12	100%	0.10	0.10	0.64	0.48	0.22	0.32	1.00	1.46	0.68	
All Puyallup AG Locations	12	100%	0.10	0.10	0.34	0.29	0.16	0.18	0.51	0.65	0.33	
All Puyallup FB Locations	12	83%	0.10	0.10	0.33	0.15	0.05	0.12	0.20	2.10	0.08	
All Puyallup Locations	48	96%	0.10	0.10	0.88	0.48	0.05	0.19	1.14	3.64	0.95	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.10	0.10	1.84	1.68	0.28	1.12	2.60	3.64	1.49	
All RB Locations	24	100%	0.10	0.10	0.74	0.52	0.22	0.37	1.01	2.04	0.64	
All AG Locations	24	92%	0.10	0.10	0.45	0.31	0.05	0.18	0.56	1.88	0.38	
All FB Locations	24	71%	0.10	0.10	0.33	0.13	0.05	0.05	0.19	2.45	0.14	
All Locations	96	91%	0.10	0.10	0.84	0.50	0.05	0.18	1.23	3.64	1.05	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-44. Summary statistics for manganese dissolved concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-44. Summary statistics for manganese dissolved concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.010	0.010						< 0.010		U
CBX	1	0%	0.010	0.010						< 0.010		U
RB111	1	100%	0.010	0.010		0.012						
RB202	1	100%	0.010	0.010		0.034						
AG174	0											
AGG	0											
FB200	1	100%	0.010	0.010		0.054						
FB203	1	100%	0.010	0.010		0.026						
All Snohomish CB Locations	2	0%	0.010	0.010						< 0.010		U
All Snohomish RB Locations	2	100%	0.010	0.010	0.023	0.023	0.012			0.034		
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	100%	0.010	0.010	0.040	0.040	0.026			0.054		
All Snomomish Locations	6	67%	0.010	0.010	0.023	0.019	0.005	0.005	0.034	0.054	0.029	
Puyallup Watershed												
CBA	1	100%	0.010	0.010		0.031						
CBB	1	100%	0.010	0.010		0.016						
RB53	1	100%	0.010	0.010		0.024						
RB209	1	100%	0.010	0.010		0.093						
AG143	0											
AG62	0											
FB130	1	100%	0.010	0.010		0.337						
FB372	1	100%	0.010	0.010		0.050						
All Puyallup CB Locations	2	100%	0.010	0.010	0.023	0.023	0.016			0.031		
All Puyallup RB Locations	2	100%	0.010	0.010	0.058	0.058	0.024			0.093		
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	100%	0.010	0.010	0.194	0.194	0.050			0.337		
All Puyallup Locations	6	100%	0.010	0.010	0.092	0.041	0.016	0.024	0.093	0.337	0.069	
All Monitoring Locations Combined												
All CB Locations	4	50%	0.010	0.010	0.014	0.011	0.005	0.005	0.023	0.031	0.019	E
All RB Locations	4	100%	0.010	0.010	0.041	0.029	0.012	0.018	0.064	0.093	0.045	
All AG Locations	0											
All FB Locations	4	100%	0.010	0.010	0.117	0.052	0.026	0.038	0.196	0.337	0.157	
All Locations	12	83%	0.010	0.010	0.057	0.029	0.005	0.014	0.052	0.337	0.038	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-45. Summary statistics for manganese total concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-45. Summary statistics for manganese total concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	100%	0.0050	0.0050		0.0450						
CBX	1	100%	0.0050	0.0050		0.0600						
RB111	1	100%	0.0050	0.0050		0.0490						
RB202	1	100%	0.0050	0.0050		0.1280						
AG174	0											
AGG	0											
FB200	1	100%	0.0050	0.0050		2.3900						
FB203	1	100%	0.0050	0.0050		0.1010						
All Snohomish CB Locations	2	100%	0.0050	0.0050	0.0525	0.0525	0.0450			0.0600		
All Snohomish RB Locations	2	100%	0.0050	0.0050	0.0885	0.0885	0.0490			0.1280		
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	100%	0.0050	0.0050	1.2455	1.2455	0.1010			2.3900		
All Snomomish Locations	6	100%	0.0050	0.0050	0.4622	0.0805	0.0450	0.0490	0.1280	2.3900	0.0790	
Puyallup Watershed												
CBA	1	100%	0.0050	0.0050		0.0770						
CBB	1	100%	0.0050	0.0050		0.0330						
RB53	1	100%	0.0050	0.0050		0.0620						
RB209	1	100%	0.0050	0.0050		0.0960						
AG143	0											
AG62	0											
FB130	1	100%	0.0050	0.0050		0.7690						
FB372	1	100%	0.0050	0.0050		0.0090						
All Puyallup CB Locations	2	100%	0.0050	0.0050	0.0550	0.0550	0.0330			0.0770		
All Puyallup RB Locations	2	100%	0.0050	0.0050	0.0790	0.0790	0.0620			0.0960		
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	100%	0.0050	0.0050	0.3890	0.3890	0.0090			0.7690		
All Puyallup Locations	6	100%	0.0050	0.0050	0.1743	0.0695	0.0090	0.0330	0.0960	0.7690	0.0630	
All Monitoring Locations Combined												
All CB Locations	4	100%	0.0050	0.0050	0.0538	0.0525	0.0330	0.0390	0.0685	0.0770	0.0295	
All RB Locations	4	100%	0.0050	0.0050	0.0838	0.0790	0.0490	0.0555	0.1120	0.1280	0.0565	
All AG Locations	0											
All FB Locations	4	100%	0.0050	0.0050	0.8173	0.4350	0.0090	0.0550	1.5795	2.3900	1.5245	
All Locations	12	100%	0.0050	0.0050	0.3183	0.0695	0.0090	0.0470	0.1145	2.3900	0.0675	

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-46. Summary statistics for mercury dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.002	0.002						< 0.002		U
CBX	1	0%	0.002	0.002						< 0.002		U
RB111	2	100%	0.002	0.002	0.003	0.003	0.003			0.004		
RB202	2	0%	0.002	0.002						< 0.002		U
AG174	2	100%	0.002	0.002	0.003	0.003	0.002			0.003		
AGG	2	100%	0.002	0.002	0.002	0.002	0.002			0.002		
FB200	2	0%	0.002	0.002						< 0.002		U
FB203	2	0%	0.002	0.002						< 0.002		U
All Snohomish CB Locations	3	0%	0.002	0.002						< 0.002		U
All Snohomish RB Locations	4	50%	0.002	0.002	0.002	0.002	0.001	0.001	0.003	0.004	0.002	E
All Snohomish AG Locations	4	100%	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.000	
All Snohomish FB Locations	4	0%	0.002	0.002						< 0.002		U
All Snomomish Locations	15	40%	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.004	0.001	E
Puyallup Watershed												
CBA	2	100%	0.002	0.002	0.004	0.004	0.004			0.005		
CBB	1	100%	0.002	0.002		0.002						
RB53	2	100%	0.002	0.002	0.002	0.002	0.002			0.002		
RB209	2	0%	0.002	0.002						< 0.002		U
AG143	2	100%	0.002	0.002	0.010	0.010	0.008			0.012		
AG62	2	100%	0.002	0.002	0.003	0.003	0.003			0.004		
FB130	2	0%	0.002	0.002						< 0.002		U
FB372	2	100%	0.002	0.002	0.004	0.004	0.002			0.005		
All Puyallup CB Locations	3	100%	0.002	0.002	0.004	0.004	0.002	0.003	0.005	0.005	0.002	
All Puyallup RB Locations	4	50%	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.001	E
All Puyallup AG Locations	4	100%	0.002	0.002	0.006	0.006	0.003	0.003	0.010	0.012	0.007	
All Puyallup FB Locations	4	50%	0.002	0.002	0.002	0.002	0.001	0.001	0.004	0.005	0.003	E
All Puyallup Locations	15	73%	0.002	0.002	0.003	0.002	0.001	0.001	0.005	0.012	0.003	
All Monitoring Locations Combined												
All CB Locations	6	50%	0.002	0.002	0.002	0.002	0.001	0.001	0.004	0.005	0.003	E
All RB Locations	8	50%	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.004	0.001	E
All AG Locations	8	100%	0.002	0.002	0.004	0.003	0.002	0.002	0.006	0.012	0.003	
All FB Locations	8	25%	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.005	0.001	E
All Locations	30	57%	0.002	0.002	0.003	0.002	0.001	0.001	0.003	0.012	0.002	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-46. Summary statistics for mercury dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	67%	0.002	0.002	0.003	0.002	0.001	0.001	0.003	0.007	0.002	
CBX	6	100%	0.002	0.002	0.004	0.004	0.002	0.003	0.004	0.006	0.001	
RB111	6	100%	0.002	0.002	0.004	0.004	0.002	0.003	0.005	0.005	0.002	
RB202	6	83%	0.002	0.002	0.005	0.006	0.001	0.005	0.007	0.007	0.002	
AG174	6	100%	0.002	0.002	0.006	0.006	0.004	0.005	0.007	0.008	0.002	
AGG	6	100%	0.002	0.002	0.007	0.006	0.004	0.005	0.008	0.011	0.003	
FB200	6	50%	0.002	0.002	0.002	0.002	0.001	0.001	0.003	0.004	0.002	E
FB203	6	83%	0.002	0.002	0.002	0.002	0.001	0.002	0.003	0.003	0.001	
All Snohomish CB Locations	12	83%	0.002	0.002	0.003	0.003	0.001	0.002	0.004	0.007	0.002	
All Snohomish RB Locations	12	92%	0.002	0.002	0.005	0.005	0.001	0.004	0.006	0.007	0.002	
All Snohomish AG Locations	12	100%	0.002	0.002	0.006	0.006	0.004	0.005	0.008	0.011	0.002	
All Snohomish FB Locations	12	67%	0.002	0.002	0.002	0.002	0.001	0.001	0.003	0.004	0.002	
All Snomomish Locations	48	85%	0.002	0.002	0.004	0.004	0.001	0.002	0.006	0.011	0.004	
Puyallup Watershed												
CBA	6	83%	0.002	0.002	0.004	0.004	0.001	0.002	0.006	0.009	0.004	
CBB	6	100%	0.002	0.002	0.004	0.003	0.003	0.003	0.004	0.005	0.001	
RB53	6	100%	0.002	0.002	0.007	0.006	0.005	0.006	0.008	0.008	0.002	
RB209	6	17%	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.000	E
AG143	6	100%	0.002	0.002	0.013	0.012	0.007	0.007	0.017	0.023	0.010	
AG62	6	100%	0.002	0.002	0.009	0.009	0.005	0.007	0.011	0.015	0.004	
FB130	6	17%	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.003	0.000	E
FB372	6	100%	0.002	0.002	0.012	0.011	0.004	0.007	0.018	0.020	0.011	
All Puyallup CB Locations	12	92%	0.002	0.002	0.004	0.003	0.001	0.003	0.004	0.009	0.001	
All Puyallup RB Locations	12	58%	0.002	0.002	0.004	0.004	0.001	0.001	0.006	0.008	0.005	
All Puyallup AG Locations	12	100%	0.002	0.002	0.011	0.009	0.005	0.007	0.014	0.023	0.007	
All Puyallup FB Locations	12	58%	0.002	0.002	0.007	0.003	0.001	0.001	0.011	0.020	0.010	
All Puyallup Locations	48	77%	0.002	0.002	0.006	0.005	0.001	0.002	0.008	0.023	0.006	
All Monitoring Locations Combined												
All CB Locations	24	88%	0.002	0.002	0.004	0.003	0.001	0.003	0.004	0.009	0.001	
All RB Locations	24	75%	0.002	0.002	0.004	0.005	0.001	0.002	0.006	0.008	0.004	
All AG Locations	24	100%	0.002	0.002	0.009	0.007	0.004	0.006	0.010	0.023	0.004	
All FB Locations	24	63%	0.002	0.002	0.004	0.002	0.001	0.001	0.004	0.020	0.003	
All Locations	96	81%	0.002	0.002	0.005	0.004	0.001	0.002	0.007	0.023	0.005	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-47. Summary statistics for mercury total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	0.002	0.002	0.002	0.002	0.002			0.002		
CBX	1	100%	0.002	0.002		0.002						
RB111	2	100%	0.002	0.002	0.004	0.004	0.004			0.005		
RB202	2	100%	0.002	0.002	0.002	0.002	0.002			0.003		
AG174	2	100%	0.002	0.002	0.004	0.004	0.004			0.004		
AGG	2	100%	0.002	0.002	0.003	0.003	0.003			0.004		
FB200	2	50%	0.002	0.002	0.002	0.002	0.001			0.002		E
FB203	2	50%	0.002	0.002	0.002	0.002	0.001			0.002		E
All Snohomish CB Locations	3	100%	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.000	
All Snohomish RB Locations	4	100%	0.002	0.002	0.003	0.003	0.002	0.002	0.004	0.005	0.002	
All Snohomish AG Locations	4	100%	0.002	0.002	0.004	0.004	0.003	0.003	0.004	0.004	0.001	
All Snohomish FB Locations	4	50%	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.001	E
All Snomomish Locations	15	87%	0.002	0.002	0.003	0.002	0.001	0.002	0.004	0.005	0.002	
Puyallup Watershed												
CBA	2	100%	0.002	0.002	0.006	0.006	0.005			0.007		
CBB	1	100%	0.002	0.002		0.003						
RB53	2	100%	0.002	0.002	0.004	0.004	0.003			0.005		
RB209	2	50%	0.002	0.002	0.002	0.002	0.001			0.002		E
AG143	2	100%	0.002	0.002	0.013	0.013	0.011			0.016		
AG62	2	100%	0.002	0.002	0.004	0.004	0.004			0.005		
FB130	2	50%	0.002	0.002	0.002	0.002	0.001			0.003		E
FB372	2	100%	0.002	0.002	0.004	0.004	0.003			0.005		
All Puyallup CB Locations	3	100%	0.002	0.002	0.005	0.005	0.003	0.003	0.006	0.007	0.003	
All Puyallup RB Locations	4	75%	0.002	0.002	0.003	0.003	0.001	0.002	0.004	0.005	0.002	
All Puyallup AG Locations	4	100%	0.002	0.002	0.009	0.008	0.004	0.004	0.013	0.016	0.009	
All Puyallup FB Locations	4	75%	0.002	0.002	0.003	0.003	0.001	0.002	0.004	0.005	0.002	
All Puyallup Locations	15	87%	0.002	0.002	0.005	0.004	0.001	0.003	0.005	0.016	0.003	
All Monitoring Locations Combined												
All CB Locations	6	100%	0.002	0.002	0.003	0.002	0.002	0.002	0.005	0.007	0.003	
All RB Locations	8	88%	0.002	0.002	0.003	0.003	0.001	0.002	0.004	0.005	0.002	
All AG Locations	8	100%	0.002	0.002	0.006	0.004	0.003	0.004	0.008	0.016	0.004	
All FB Locations	8	63%	0.002	0.002	0.002	0.002	0.001	0.001	0.003	0.005	0.002	
All Locations	30	87%	0.002	0.002	0.004	0.003	0.001	0.002	0.005	0.016	0.002	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-47. Summary statistics for mercury total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.002	0.002	0.006	0.005	0.003	0.004	0.006	0.014	0.002	
CBX	6	100%	0.002	0.002	0.009	0.008	0.007	0.007	0.010	0.017	0.003	
RB111	6	100%	0.002	0.002	0.007	0.007	0.005	0.005	0.009	0.009	0.003	
RB202	6	100%	0.002	0.002	0.011	0.012	0.008	0.008	0.012	0.015	0.004	
AG174	6	100%	0.002	0.002	0.012	0.012	0.007	0.009	0.012	0.019	0.003	
AGG	6	100%	0.002	0.002	0.009	0.010	0.005	0.008	0.012	0.012	0.004	
FB200	6	100%	0.002	0.002	0.006	0.003	0.002	0.002	0.003	0.024	0.001	
FB203	6	100%	0.002	0.002	0.004	0.004	0.002	0.002	0.004	0.007	0.002	
All Snohomish CB Locations	12	100%	0.002	0.002	0.008	0.007	0.003	0.005	0.009	0.017	0.004	
All Snohomish RB Locations	12	100%	0.002	0.002	0.009	0.009	0.005	0.007	0.012	0.015	0.005	
All Snohomish AG Locations	12	100%	0.002	0.002	0.011	0.011	0.005	0.008	0.012	0.019	0.004	
All Snohomish FB Locations	12	100%	0.002	0.002	0.005	0.003	0.002	0.002	0.004	0.024	0.002	
All Snomomish Locations	48	100%	0.002	0.002	0.008	0.007	0.002	0.004	0.011	0.024	0.007	
Puyallup Watershed												
CBA	6	100%	0.002	0.002	0.008	0.009	0.004	0.006	0.009	0.009	0.004	
CBB	6	100%	0.002	0.002	0.006	0.006	0.004	0.005	0.008	0.008	0.003	
RB53	6	100%	0.002	0.002	0.010	0.008	0.007	0.007	0.012	0.014	0.005	
RB209	6	100%	0.002	0.002	0.003	0.002	0.002	0.002	0.003	0.008	0.001	
AG143	6	100%	0.002	0.002	0.015	0.013	0.010	0.013	0.018	0.023	0.005	
AG62	6	100%	0.002	0.002	0.010	0.010	0.007	0.007	0.010	0.013	0.003	
FB130	6	83%	0.002	0.002	0.004	0.003	0.001	0.003	0.004	0.009	0.001	
FB372	6	100%	0.002	0.002	0.014	0.011	0.004	0.007	0.014	0.038	0.007	
All Puyallup CB Locations	12	100%	0.002	0.002	0.007	0.007	0.004	0.005	0.009	0.009	0.003	
All Puyallup RB Locations	12	100%	0.002	0.002	0.006	0.007	0.002	0.002	0.009	0.014	0.006	
All Puyallup AG Locations	12	100%	0.002	0.002	0.012	0.011	0.007	0.010	0.014	0.023	0.004	
All Puyallup FB Locations	12	92%	0.002	0.002	0.009	0.006	0.001	0.003	0.011	0.038	0.008	
All Puyallup Locations	48	98%	0.002	0.002	0.009	0.008	0.001	0.004	0.010	0.038	0.006	
All Monitoring Locations Combined												
All CB Locations	24	100%	0.002	0.002	0.007	0.007	0.003	0.005	0.009	0.017	0.004	
All RB Locations	24	100%	0.002	0.002	0.008	0.008	0.002	0.005	0.010	0.015	0.005	
All AG Locations	24	100%	0.002	0.002	0.011	0.011	0.005	0.009	0.013	0.023	0.004	
All FB Locations	24	96%	0.002	0.002	0.007	0.004	0.001	0.003	0.008	0.038	0.005	
All Locations	96	99%	0.002	0.002	0.008	0.008	0.001	0.004	0.011	0.038	0.006	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-48. Summary statistics for nickel dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-48. Summary statistics for nickel dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	100%	0.10	0.10		0.49						
CBX	1	100%	0.10	0.10		1.44						
RB111	1	100%	0.10	0.10		0.67						
RB202	1	100%	0.10	0.10		1.08						
AG174	0											
AGG	0											
FB200	1	100%	0.10	0.10		0.55						
FB203	1	100%	0.10	0.10		0.18						
All Snohomish CB Locations	2	100%	0.10	0.10	0.97	0.97	0.49			1.44		
All Snohomish RB Locations	2	100%	0.10	0.10	0.88	0.88	0.67			1.08		
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	100%	0.10	0.10	0.37	0.37	0.18			0.55		
All Snomomish Locations	6	100%	0.10	0.10	0.74	0.61	0.18	0.49	1.08	1.44	0.59	
Puyallup Watershed												
CBA	1	100%	0.10	0.10		0.35						
CBB	1	100%	0.10	0.10		0.61						
RB53	1	100%	0.10	0.10		1.55						
RB209	1	100%	0.10	0.10		1.11						
AG143	0											
AG62	0											
FB130	1	100%	0.10	0.10		2.37						
FB372	1	100%	0.10	0.10		1.62						
All Puyallup CB Locations	2	100%	0.10	0.10	0.48	0.48	0.35			0.61		
All Puyallup RB Locations	2	100%	0.10	0.10	1.33	1.33	1.11			1.55		
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	100%	0.10	0.10	1.99	1.99	1.62			2.37		
All Puyallup Locations	6	100%	0.10	0.10	1.27	1.33	0.35	0.61	1.62	2.37	1.01	
All Monitoring Locations Combined												
All CB Locations	4	100%	0.10	0.10	0.72	0.55	0.35	0.42	1.03	1.44	0.61	
All RB Locations	4	100%	0.10	0.10	1.10	1.10	0.67	0.88	1.33	1.55	0.46	
All AG Locations	0											
All FB Locations	4	100%	0.10	0.10	1.18	1.09	0.18	0.37	1.99	2.37	1.63	
All Locations	12	100%	0.10	0.10	1.00	0.88	0.18	0.52	1.50	2.37	0.98	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-49. Summary statistics for nickel total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-49. Summary statistics for nickel total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	100%	0.10	0.10		2.39						
CBX	1	100%	0.10	0.10		5.36						
RB111	1	100%	0.10	0.10		2.04						
RB202	1	100%	0.10	0.10		3.05						
AG174	0											
AGG	0											
FB200	1	100%	0.10	0.10		18.70						
FB203	1	100%	0.10	0.10		1.32						
All Snohomish CB Locations	2	100%	0.10	0.10	3.88	3.88	2.39			5.36		
All Snohomish RB Locations	2	100%	0.10	0.10	2.55	2.55	2.04			3.05		
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	100%	0.10	0.10	10.01	10.01	1.32			18.70		
All Snomomish Locations	6	100%	0.10	0.10	5.48	2.72	1.32	2.04	5.36	18.70	3.32	
Puyallup Watershed												
CBA	1	100%	0.10	0.10		1.33						
CBB	1	100%	0.10	0.10		1.06						
RB53	1	100%	0.10	0.10		2.86						
RB209	1	100%	0.10	0.10		1.20						
AG143	0											
AG62	0											
FB130	1	100%	0.10	0.10		6.02						
FB372	1	100%	0.10	0.10		1.17						
All Puyallup CB Locations	2	100%	0.10	0.10	1.19	1.19	1.06			1.33		
All Puyallup RB Locations	2	100%	0.10	0.10	2.03	2.03	1.20			2.86		
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	100%	0.10	0.10	3.60	3.60	1.17			6.02		
All Puyallup Locations	6	100%	0.10	0.10	2.27	1.27	1.06	1.17	2.86	6.02	1.69	
All Monitoring Locations Combined												
All CB Locations	4	100%	0.10	0.10	2.53	1.86	1.06	1.19	3.88	5.36	2.68	
All RB Locations	4	100%	0.10	0.10	2.29	2.45	1.20	1.62	2.95	3.05	1.34	
All AG Locations	0											
All FB Locations	4	100%	0.10	0.10	6.80	3.67	1.17	1.25	12.36	18.70	11.11	
All Locations	12	100%	0.10	0.10	3.88	2.22	1.06	1.26	4.20	18.70	2.94	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-50. Summary statistics for selenium dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-50. Summary statistics for selenium dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.50	0.50						< 0.50		U
CBX	1	0%	0.50	0.50						< 0.50		U
RB111	1	0%	0.50	0.50						< 0.50		U
RB202	1	0%	0.50	0.50						< 0.50		U
AG174	0											
AGG	0											
FB200	1	0%	0.50	0.50						< 0.50		U
FB203	1	0%	0.50	0.50						< 0.50		U
All Snohomish CB Locations	2	0%	0.50	0.50						< 0.50		U
All Snohomish RB Locations	2	0%	0.50	0.50						< 0.50		U
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	0%	0.50	0.50						< 0.50		U
All Snomomish Locations	6	0%	0.50	0.50						< 0.50		U
Puyallup Watershed												
CBA	1	0%	0.50	0.50						< 0.50		U
CBB	1	0%	0.50	0.50						< 0.50		U
RB53	1	0%	0.50	0.50						< 0.50		U
RB209	1	0%	0.50	0.50						< 0.50		U
AG143	0											
AG62	0											
FB130	1	0%	0.50	0.50						< 0.50		U
FB372	1	0%	0.50	0.50						< 0.50		U
All Puyallup CB Locations	2	0%	0.50	0.50						< 0.50		U
All Puyallup RB Locations	2	0%	0.50	0.50						< 0.50		U
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	0%	0.50	0.50						< 0.50		U
All Puyallup Locations	6	0%	0.50	0.50						< 0.50		U
All Monitoring Locations Combined												
All CB Locations	4	0%	0.50	0.50						< 0.50		U
All RB Locations	4	0%	0.50	0.50						< 0.50		U
All AG Locations	0											
All FB Locations	4	0%	0.50	0.50						< 0.50		U
All Locations	12	0%	0.50	0.50						< 0.50		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-51. Summary statistics for selenium total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-51. Summary statistics for selenium total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.50	0.50						< 0.50		U
CBX	1	0%	0.50	0.50						< 0.50		U
RB111	1	0%	0.50	0.50						< 0.50		U
RB202	1	0%	0.50	0.50						< 0.50		U
AG174	0											
AGG	0											
FB200	1	0%	0.50	0.50						< 0.50		U
FB203	1	0%	0.50	0.50						< 0.50		U
All Snohomish CB Locations	2	0%	0.50	0.50						< 0.50		U
All Snohomish RB Locations	2	0%	0.50	0.50						< 0.50		U
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	0%	0.50	0.50						< 0.50		U
All Snomomish Locations	6	0%	0.50	0.50						< 0.50		U
Puyallup Watershed												
CBA	1	0%	0.50	0.50						< 0.50		U
CBB	1	0%	0.50	0.50						< 0.50		U
RB53	1	0%	0.50	0.50						< 0.50		U
RB209	1	0%	0.50	0.50						< 0.50		U
AG143	0											
AG62	0											
FB130	1	0%	0.50	0.50						< 0.50		U
FB372	1	0%	0.50	0.50						< 0.50		U
All Puyallup CB Locations	2	0%	0.50	0.50						< 0.50		U
All Puyallup RB Locations	2	0%	0.50	0.50						< 0.50		U
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	0%	0.50	0.50						< 0.50		U
All Puyallup Locations	6	0%	0.50	0.50						< 0.50		U
All Monitoring Locations Combined												
All CB Locations	4	0%	0.50	0.50						< 0.50		U
All RB Locations	4	0%	0.50	0.50						< 0.50		U
All AG Locations	0											
All FB Locations	4	0%	0.50	0.50						< 0.50		U
All Locations	12	0%	0.50	0.50						< 0.50		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-52. Summary statistics for thallium dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-52. Summary statistics for thallium dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.10	0.10						< 0.10		U
CBX	1	0%	0.10	0.10						< 0.10		U
RB111	1	0%	0.10	0.10						< 0.10		U
RB202	1	0%	0.10	0.10						< 0.10		U
AG174	0											
AGG	0											
FB200	1	0%	0.10	0.10						< 0.10		U
FB203	1	0%	0.10	0.10						< 0.10		U
All Snohomish CB Locations	2	0%	0.10	0.10						< 0.10		U
All Snohomish RB Locations	2	0%	0.10	0.10						< 0.10		U
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	0%	0.10	0.10						< 0.10		U
All Snomomish Locations	6	0%	0.10	0.10						< 0.10		U
Puyallup Watershed												
CBA	1	0%	0.10	0.10						< 0.10		U
CBB	1	0%	0.10	0.10						< 0.10		U
RB53	1	0%	0.10	0.10						< 0.10		U
RB209	1	0%	0.10	0.10						< 0.10		U
AG143	0											
AG62	0											
FB130	1	0%	0.10	0.10						< 0.10		U
FB372	1	0%	0.10	0.10						< 0.10		U
All Puyallup CB Locations	2	0%	0.10	0.10						< 0.10		U
All Puyallup RB Locations	2	0%	0.10	0.10						< 0.10		U
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	0%	0.10	0.10						< 0.10		U
All Puyallup Locations	6	0%	0.10	0.10						< 0.10		U
All Monitoring Locations Combined												
All CB Locations	4	0%	0.10	0.10						< 0.10		U
All RB Locations	4	0%	0.10	0.10						< 0.10		U
All AG Locations	0											
All FB Locations	4	0%	0.10	0.10						< 0.10		U
All Locations	12	0%	0.10	0.10						< 0.10		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-53. Summary statistics for thallium total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-53. Summary statistics for thallium total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.10	0.10						< 0.10		U
CBX	1	0%	0.10	0.10						< 0.10		U
RB111	1	0%	0.10	0.10						< 0.10		U
RB202	1	0%	0.10	0.10						< 0.10		U
AG174	0											
AGG	0											
FB200	1	0%	0.10	0.10						< 0.10		U
FB203	1	0%	0.10	0.10						< 0.10		U
All Snohomish CB Locations	2	0%	0.10	0.10						< 0.10		U
All Snohomish RB Locations	2	0%	0.10	0.10						< 0.10		U
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	0%	0.10	0.10						< 0.10		U
All Snomomish Locations	6	0%	0.10	0.10						< 0.10		U
Puyallup Watershed												
CBA	1	0%	0.10	0.10						< 0.10		U
CBB	1	0%	0.10	0.10						< 0.10		U
RB53	1	0%	0.10	0.10						< 0.10		U
RB209	1	0%	0.10	0.10						< 0.10		U
AG143	0											
AG62	0											
FB130	1	100%	0.10	0.10		0.11						
FB372	1	0%	0.10	0.10						< 0.10		U
All Puyallup CB Locations	2	0%	0.10	0.10						< 0.10		U
All Puyallup RB Locations	2	0%	0.10	0.10						< 0.10		U
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	50%	0.10	0.10	0.08	0.08	0.05			0.11	0.00	E
All Puyallup Locations	6	17%	0.10	0.10	0.06	0.05	0.05	0.05	0.05	0.11	0.00	E
All Monitoring Locations Combined												
All CB Locations	4	0%	0.10	0.10						< 0.10		U
All RB Locations	4	0%	0.10	0.10						< 0.10		U
All AG Locations	0											
All FB Locations	4	25%	0.10	0.10	0.06	0.05	0.05	0.05	0.08	0.11	0.03	E
All Locations	12	8%	0.10	0.10	0.06	0.05	0.05	0.05	0.05	0.11	0.00	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-54. Summary statistics for tin dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-54. Summary statistics for tin dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.2	0.2						< 0.2		U
CBX	1	0%	0.2	0.2						< 0.2		U
RB111	1	0%	0.2	0.2						< 0.2		U
RB202	1	0%	0.2	0.2						< 0.2		U
AG174	0											
AGG	0											
FB200	1	0%	0.2	0.2						< 0.2		U
FB203	1	0%	0.2	0.2						< 0.2		U
All Snohomish CB Locations	2	0%	0.2	0.2						< 0.2		U
All Snohomish RB Locations	2	0%	0.2	0.2						< 0.2		U
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	0%	0.2	0.2						< 0.2		U
All Snomomish Locations	6	0%	0.2	0.2						< 0.2		U
Puyallup Watershed												
CBA	1	0%	0.2	0.2						< 0.2		U
CBB	1	0%	0.2	0.2						< 0.2		U
RB53	1	0%	0.2	0.2						< 0.2		U
RB209	1	0%	0.2	0.2						< 0.2		U
AG143	0											
AG62	0											
FB130	1	0%	0.2	0.2						< 0.2		U
FB372	1	0%	0.2	0.2						< 0.2		U
All Puyallup CB Locations	2	0%	0.2	0.2						< 0.2		U
All Puyallup RB Locations	2	0%	0.2	0.2						< 0.2		U
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	0%	0.2	0.2						< 0.2		U
All Puyallup Locations	6	0%	0.2	0.2						< 0.2		U
All Monitoring Locations Combined												
All CB Locations	4	0%	0.2	0.2						< 0.2		U
All RB Locations	4	0%	0.2	0.2						< 0.2		U
All AG Locations	0											
All FB Locations	4	0%	0.2	0.2						< 0.2		U
All Locations	12	0%	0.2	0.2						< 0.2		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-55. Summary statistics for tin total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-55. Summary statistics for tin total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.2	0.2						< 0.2		U
CBX	1	0%	0.2	0.2						< 0.2		U
RB111	1	0%	0.2	0.2						< 0.2		U
RB202	1	0%	0.2	0.2						< 0.2		U
AG174	0											
AGG	0											
FB200	1	0%	0.2	0.2						< 0.2		U
FB203	1	0%	0.2	0.2						< 0.2		U
All Snohomish CB Locations	2	0%	0.2	0.2						< 0.2		U
All Snohomish RB Locations	2	0%	0.2	0.2						< 0.2		U
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	0%	0.2	0.2						< 0.2		U
All Snomomish Locations	6	0%	0.2	0.2						< 0.2		U
Puyallup Watershed												
CBA	1	0%	0.2	0.2						< 0.2		U
CBB	1	0%	0.2	0.2						< 0.2		U
RB53	1	0%	0.2	0.2						< 0.2		U
RB209	1	0%	0.2	0.2						< 0.2		U
AG143	0											
AG62	0											
FB130	1	0%	0.2	0.2						< 0.2		U
FB372	1	0%	0.2	0.2						< 0.2		U
All Puyallup CB Locations	2	0%	0.2	0.2						< 0.2		U
All Puyallup RB Locations	2	0%	0.2	0.2						< 0.2		U
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	0%	0.2	0.2						< 0.2		U
All Puyallup Locations	6	0%	0.2	0.2						< 0.2		U
All Monitoring Locations Combined												
All CB Locations	4	0%	0.2	0.2						< 0.2		U
All RB Locations	4	0%	0.2	0.2						< 0.2		U
All AG Locations	0											
All FB Locations	4	0%	0.2	0.2						< 0.2		U
All Locations	12	0%	0.2	0.2						< 0.2		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-56. Summary statistics for zinc dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	1.0	1.0	11.3	11.3	10.3			12.3		
CBX	1	100%	1.0	1.0		15.4						
RB111	2	100%	1.0	1.0	1.8	1.8	1.6			2.1		
RB202	2	100%	1.0	1.0	2.2	2.2	1.7			2.6		
AG174	2	100%	1.0	1.0	2.7	2.7	1.0			4.3		
AGG	2	100%	1.0	1.0	6.2	6.2	3.4			9.0		
FB200	2	0%	1.0	1.0						< 1.0		U
FB203	2	100%	1.0	1.0	1.2	1.2	1.1			1.2		
All Snohomish CB Locations	3	100%	1.0	1.0	12.7	12.3	10.3	10.8	14.6	15.4	3.8	
All Snohomish RB Locations	4	100%	1.0	1.0	2.0	1.9	1.6	1.7	2.3	2.6	0.7	
All Snohomish AG Locations	4	100%	1.0	1.0	4.4	3.9	1.0	2.2	6.7	9.0	4.4	
All Snohomish FB Locations	4	50%	1.0	1.0	0.8	0.8	0.5	0.5	1.2	1.2	0.6	E
All Snomomish Locations	15	87%	1.0	1.0	4.5	2.1	0.5	1.1	7.8	15.4	6.7	
Puyallup Watershed												
CBA	2	100%	1.0	1.0	9.1	9.1	7.5			10.6		
CBB	1	100%	1.0	1.0		22.9						
RB53	2	100%	1.0	1.0	1.4	1.4	1.1			1.7		
RB209	2	100%	1.0	1.0	2.0	2.0	1.5			2.6		
AG143	2	100%	1.0	1.0	10.5	10.5	9.8			11.2		
AG62	2	100%	1.0	1.0	1.5	1.5	1.4			1.5		
FB130	2	100%	1.0	1.0	3.0	3.0	2.1			3.9		
FB372	2	50%	1.0	1.0	1.5	1.5	0.5			2.5		E
All Puyallup CB Locations	3	100%	1.0	1.0	13.7	10.6	7.5	8.3	19.8	22.9	11.6	
All Puyallup RB Locations	4	100%	1.0	1.0	1.7	1.6	1.1	1.3	2.2	2.6	0.9	
All Puyallup AG Locations	4	100%	1.0	1.0	6.0	5.7	1.4	1.5	10.5	11.2	9.1	
All Puyallup FB Locations	4	75%	1.0	1.0	2.2	2.3	0.5	1.3	3.2	3.9	1.9	
All Puyallup Locations	15	93%	1.0	1.0	5.4	2.5	0.5	1.5	9.2	22.9	7.7	
All Monitoring Locations Combined												
All CB Locations	6	100%	1.0	1.0	13.2	11.5	7.5	10.3	15.4	22.9	5.1	
All RB Locations	8	100%	1.0	1.0	1.9	1.7	1.1	1.5	2.3	2.6	0.8	
All AG Locations	8	100%	1.0	1.0	5.2	3.9	1.0	1.5	9.4	11.2	7.9	
All FB Locations	8	63%	1.0	1.0	1.5	1.2	0.5	0.5	2.3	3.9	1.8	
All Locations	30	90%	1.0	1.0	4.9	2.3	0.5	1.4	9.0	22.9	7.6	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-56. Summary statistics for zinc dissolved concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	1.0	1.0	47.6	44.2	40.1	43.6	49.0	64.8	5.4	
CBX	6	100%	1.0	1.0	24.4	26.0	12.6	19.8	29.9	32.0	10.1	
RB111	6	100%	1.0	1.0	4.1	3.6	2.8	2.9	5.5	6.4	2.6	
RB202	6	100%	1.0	1.0	3.5	3.3	2.2	2.3	3.6	6.0	1.3	
AG174	6	100%	1.0	1.0	3.6	2.4	1.5	2.0	4.7	8.7	2.7	
AGG	6	100%	1.0	1.0	14.9	8.1	3.6	4.3	12.4	53.0	8.1	
FB200	6	33%	1.0	1.0	1.0	0.5	0.5	0.5	1.9	2.1	1.4	E
FB203	6	50%	1.0	1.0	1.5	0.8	0.5	0.5	3.2	3.4	2.7	E
All Snohomish CB Locations	12	100%	1.0	1.0	36.0	36.0	12.6	26.0	44.2	64.8	18.2	
All Snohomish RB Locations	12	100%	1.0	1.0	3.8	3.4	2.2	2.8	4.6	6.4	1.8	
All Snohomish AG Locations	12	100%	1.0	1.0	9.3	4.5	1.5	2.4	9.2	53.0	6.8	
All Snohomish FB Locations	12	42%	1.0	1.0	1.3	0.5	0.5	0.5	2.0	3.4	1.5	E
All Snomomish Locations	48	85%	1.0	1.0	12.6	3.6	0.5	2.1	16.2	64.8	14.1	
Puyallup Watershed												
CBA	6	100%	1.0	1.0	20.4	18.1	12.5	15.6	22.4	35.7	6.8	
CBB	6	100%	1.0	1.0	33.3	31.0	25.4	26.8	37.1	48.5	10.3	
RB53	6	100%	1.0	1.0	8.1	3.7	2.6	2.6	8.6	27.7	6.0	
RB209	6	100%	1.0	1.0	4.7	3.6	1.6	1.8	8.0	9.6	6.2	
AG143	6	100%	1.0	1.0	28.3	20.3	10.0	15.7	48.1	55.5	32.4	
AG62	6	100%	1.0	1.0	5.8	5.8	2.7	5.2	6.9	8.1	1.7	
FB130	6	100%	1.0	1.0	4.4	3.1	2.6	2.7	6.1	8.8	3.4	
FB372	6	100%	1.0	1.0	4.2	3.1	1.7	2.0	5.1	10.0	3.1	
All Puyallup CB Locations	12	100%	1.0	1.0	26.9	26.1	12.5	18.1	34.8	48.5	16.6	
All Puyallup RB Locations	12	100%	1.0	1.0	6.4	3.6	1.6	2.6	8.3	27.7	5.7	
All Puyallup AG Locations	12	100%	1.0	1.0	17.0	9.1	2.7	5.8	20.3	55.5	14.5	
All Puyallup FB Locations	12	100%	1.0	1.0	4.3	3.1	1.7	2.7	5.6	10.0	3.0	
All Puyallup Locations	48	100%	1.0	1.0	13.6	8.1	1.6	2.9	20.3	55.5	17.4	
All Monitoring Locations Combined												
All CB Locations	24	100%	1.0	1.0	31.4	29.1	12.5	21.1	41.8	64.8	20.8	
All RB Locations	24	100%	1.0	1.0	5.1	3.4	1.6	2.7	5.8	27.7	3.0	
All AG Locations	24	100%	1.0	1.0	13.2	6.7	1.5	4.0	14.0	55.5	10.1	
All FB Locations	24	71%	1.0	1.0	2.8	2.3	0.5	0.5	3.4	10.0	2.9	
All Locations	96	93%	1.0	1.0	13.1	5.5	0.5	2.7	19.0	64.8	16.4	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-57. Summary statistics for zinc total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	5.0	5.0	13.9	13.9	12.0			15.9		
CBX	1	100%	5.0	5.0		18.6						
RB111	2	50%	5.0	5.0	4.9	4.9	2.5			7.4		E
RB202	2	0%	5.0	5.0						< 5.0		U
AG174	2	50%	5.0	5.0	36.2	36.2	2.5			70.0		E
AGG	2	100%	5.0	5.0	10.6	10.6	6.7			14.5		
FB200	2	0%	5.0	5.0						< 5.0		U
FB203	2	50%	5.0	5.0	5.1	5.1	2.5			7.7		E
All Snohomish CB Locations	3	100%	5.0	5.0	15.5	15.9	12.0	13.0	17.9	18.6	4.9	
All Snohomish RB Locations	4	25%	5.0	5.0	3.7	2.5	2.5	2.5	4.9	7.4	2.5	E
All Snohomish AG Locations	4	75%	5.0	5.0	23.4	10.6	2.5	4.6	42.2	70.0	37.7	
All Snohomish FB Locations	4	25%	5.0	5.0	3.8	2.5	2.5	2.5	5.1	7.7	2.6	E
All Snomomish Locations	15	53%	5.0	5.0	11.4	6.7	2.5	2.5	13.9	70.0	11.4	
Puyallup Watershed												
CBA	2	100%	5.0	5.0	12.4	12.4	8.9			16.0		
CBB	1	100%	5.0	5.0		25.7						
RB53	2	50%	5.0	5.0	4.3	4.3	2.5			6.1		E
RB209	2	0%	5.0	5.0						< 5.0		U
AG143	2	100%	5.0	5.0	11.9	11.9	10.8			12.9		
AG62	2	0%	5.0	5.0						< 5.0		U
FB130	2	0%	5.0	5.0						< 5.0		U
FB372	2	0%	5.0	5.0						< 5.0		U
All Puyallup CB Locations	3	100%	5.0	5.0	16.9	16.0	8.9	10.7	23.3	25.7	12.6	
All Puyallup RB Locations	4	25%	5.0	5.0	3.4	2.5	2.5	2.5	4.3	6.1	1.8	E
All Puyallup AG Locations	4	50%	5.0	5.0	7.2	6.7	2.5	2.5	11.9	12.9	9.4	E
All Puyallup FB Locations	4	0%	5.0	5.0						< 5.0		U
All Puyallup Locations	15	40%	5.0	5.0	6.9	2.5	2.5	2.5	10.3	25.7	7.8	E
All Monitoring Locations Combined												
All CB Locations	6	100%	5.0	5.0	16.2	15.9	8.9	12.0	18.6	25.7	6.6	
All RB Locations	8	25%	5.0	5.0	3.6	2.5	2.5	2.5	4.3	7.4	1.8	E
All AG Locations	8	63%	5.0	5.0	15.3	8.8	2.5	2.5	13.7	70.0	11.2	
All FB Locations	8	13%	5.0	5.0	3.2	2.5	2.5	2.5	2.5	7.7	0.0	E
All Locations	30	47%	5.0	5.0	9.1	2.5	2.5	2.5	12.0	70.0	9.5	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-57. Summary statistics for zinc total concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	5.0	5.0	56.6	55.3	44.4	51.1	66.3	67.4	15.2	
CBX	6	100%	5.0	5.0	39.1	36.8	34.2	34.2	42.5	50.0	8.3	
RB111	6	67%	5.0	5.0	7.3	8.1	2.5	2.5	9.3	13.5	6.8	
RB202	6	83%	5.0	5.0	8.8	9.3	2.5	5.5	11.6	14.3	6.1	
AG174	6	83%	5.0	5.0	7.0	7.3	2.5	6.0	8.9	9.8	2.9	
AGG	6	100%	5.0	5.0	17.0	9.5	8.0	8.3	13.5	53.3	5.2	
FB200	6	17%	5.0	5.0	5.2	2.5	2.5	2.5	2.5	18.7	0.0	E
FB203	6	17%	5.0	5.0	3.4	2.5	2.5	2.5	2.5	8.0	0.0	E
All Snohomish CB Locations	12	100%	5.0	5.0	47.9	47.2	34.2	36.8	55.3	67.4	18.5	
All Snohomish RB Locations	12	75%	5.0	5.0	8.0	8.4	2.5	4.0	10.9	14.3	6.8	
All Snohomish AG Locations	12	92%	5.0	5.0	12.0	8.8	2.5	7.0	9.9	53.3	2.8	
All Snohomish FB Locations	12	17%	5.0	5.0	4.3	2.5	2.5	2.5	2.5	18.7	0.0	E
All Snomomish Locations	48	71%	5.0	5.0	18.1	8.8	2.5	2.5	34.2	67.4	31.7	
Puyallup Watershed												
CBA	6	100%	5.0	5.0	31.9	32.7	15.4	28.6	40.3	41.7	11.7	
CBB	6	100%	5.0	5.0	37.4	34.3	32.3	32.4	37.0	54.1	4.6	
RB53	6	67%	5.0	5.0	6.0	7.3	2.5	2.5	7.7	8.4	5.2	
RB209	6	50%	5.0	5.0	5.0	4.2	2.5	2.5	6.0	10.5	3.5	E
AG143	6	100%	5.0	5.0	33.8	23.1	12.2	19.6	62.0	63.0	42.4	
AG62	6	83%	5.0	5.0	6.6	6.8	2.5	5.7	7.5	10.1	1.8	
FB130	6	17%	5.0	5.0	3.1	2.5	2.5	2.5	2.5	6.2	0.0	E
FB372	6	17%	5.0	5.0	5.7	2.5	2.5	2.5	2.5	21.8	0.0	E
All Puyallup CB Locations	12	100%	5.0	5.0	34.7	33.8	15.4	32.0	38.7	54.1	6.7	
All Puyallup RB Locations	12	58%	5.0	5.0	5.5	5.9	2.5	2.5	7.6	10.5	5.2	
All Puyallup AG Locations	12	92%	5.0	5.0	20.2	11.1	2.5	6.8	23.1	63.0	16.3	
All Puyallup FB Locations	12	17%	5.0	5.0	4.4	2.5	2.5	2.5	2.5	21.8	0.0	E
All Puyallup Locations	48	67%	5.0	5.0	16.2	7.6	2.5	2.5	30.1	63.0	27.6	
All Monitoring Locations Combined												
All CB Locations	24	100%	5.0	5.0	41.3	37.2	15.4	33.8	50.5	67.4	16.8	
All RB Locations	24	67%	5.0	5.0	6.8	7.3	2.5	2.5	8.9	14.3	6.4	
All AG Locations	24	92%	5.0	5.0	16.1	9.0	2.5	6.8	16.5	63.0	9.8	
All FB Locations	24	17%	5.0	5.0	4.4	2.5	2.5	2.5	2.5	21.8	0.0	E
All Locations	96	69%	5.0	5.0	17.1	8.4	2.5	2.5	32.0	67.4	29.5	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-58. Summary statistics for 1,2,4-trichlorobenzene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.0800						< 0.0800		U
CBX	1	0%	0.0810	0.0810						< 0.0810		U
RB111	2	0%	0.0770	0.0810						< 0.0810		U
RB202	2	0%	0.0830	0.0830						< 0.0830		U
AG174	2	0%	0.0810	0.0810						< 0.0810		U
AGG	2	0%	0.0790	0.0830						< 0.0830		U
FB200	2	0%	0.0760	0.0810						< 0.0810		U
FB203	2	0%	0.0780	0.0840						< 0.0840		U
All Snohomish CB Locations	3	0%	0.0790	0.0810						< 0.0810		U
All Snohomish RB Locations	4	0%	0.0770	0.0830						< 0.0830		U
All Snohomish AG Locations	4	0%	0.0790	0.0830						< 0.0830		U
All Snohomish FB Locations	4	0%	0.0760	0.0840						< 0.0840		U
All Snomomish Locations	15	0%	0.0760	0.0840						< 0.0840		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.0820						< 0.0820		U
CBB	1	0%	0.0760	0.0760						< 0.0760		U
RB53	2	0%	0.0820	0.0830						< 0.0830		U
RB209	2	0%	0.0800	0.0830						< 0.0830		U
AG143	2	0%	0.0810	0.0810						< 0.0810		U
AG62	2	0%	0.0810	0.0820						< 0.0820		U
FB130	2	0%	0.0760	0.0800						< 0.0800		U
FB372	2	0%	0.0790	0.0830						< 0.0830		U
All Puyallup CB Locations	3	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	4	0%	0.0800	0.0830						< 0.0830		U
All Puyallup AG Locations	4	0%	0.0810	0.0820						< 0.0820		U
All Puyallup FB Locations	4	0%	0.0760	0.0830						< 0.0830		U
All Puyallup Locations	15	0%	0.0760	0.0830						< 0.0830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.0820						< 0.0820		U
All RB Locations	8	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	8	0%	0.0790	0.0830						< 0.0830		U
All FB Locations	8	0%	0.0760	0.0840						< 0.0840		U
All Locations	30	0%	0.0760	0.0840						< 0.0840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-58. Summary statistics for 1,2,4-trichlorobenzene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.0830						< 0.0830		U
CBX	6	0%	0.0760	0.0810						< 0.0810		U
RB111	6	0%	0.0780	0.0830						< 0.0830		U
RB202	6	0%	0.0790	0.0810						< 0.0810		U
AG174	6	0%	0.0800	0.0830						< 0.0830		U
AGG	6	0%	0.0760	0.0800						< 0.0800		U
FB200	6	0%	0.0780	0.0830						< 0.0830		U
FB203	6	0%	0.0780	0.0810						< 0.0810		U
All Snohomish CB Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish RB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish AG Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish FB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snomomish Locations	48	0%	0.0760	0.0830						< 0.0830		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.0820						< 0.0820		U
CBB	6	0%	0.0770	0.0820						< 0.0820		U
RB53	6	0%	0.0770	0.0820						< 0.0820		U
RB209	6	0%	0.0770	0.0810						< 0.0810		U
AG143	6	0%	0.0780	0.0820						< 0.0820		U
AG62	6	0%	0.0760	0.0820						< 0.0820		U
FB130	6	0%	0.0790	0.0830						< 0.0830		U
FB372	6	0%	0.0770	0.0900						< 0.0900		U
All Puyallup CB Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	12	0%	0.0770	0.0820						< 0.0820		U
All Puyallup AG Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup FB Locations	12	0%	0.0770	0.0900						< 0.0900		U
All Puyallup Locations	48	0%	0.0760	0.0900						< 0.0900		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.0830						< 0.0830		U
All RB Locations	24	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	24	0%	0.0760	0.0830						< 0.0830		U
All FB Locations	24	0%	0.0770	0.0900						< 0.0900		U
All Locations	96	0%	0.0760	0.0900						< 0.0900		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-59. Summary statistics for 1,2-dichlorobenzene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.0800						< 0.0800		U
CBX	1	0%	0.0810	0.0810						< 0.0810		U
RB111	2	0%	0.0770	0.0810						< 0.0810		U
RB202	2	0%	0.0830	0.0830						< 0.0830		U
AG174	2	0%	0.0810	0.0810						< 0.0810		U
AGG	2	0%	0.0790	0.0830						< 0.0830		U
FB200	2	0%	0.0760	0.0810						< 0.0810		U
FB203	2	0%	0.0780	0.0840						< 0.0840		U
All Snohomish CB Locations	3	0%	0.0790	0.0810						< 0.0810		U
All Snohomish RB Locations	4	0%	0.0770	0.0830						< 0.0830		U
All Snohomish AG Locations	4	0%	0.0790	0.0830						< 0.0830		U
All Snohomish FB Locations	4	0%	0.0760	0.0840						< 0.0840		U
All Snomomish Locations	15	0%	0.0760	0.0840						< 0.0840		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.0820						< 0.0820		U
CBB	1	0%	0.0760	0.0760						< 0.0760		U
RB53	2	0%	0.0820	0.0830						< 0.0830		U
RB209	2	0%	0.0800	0.0830						< 0.0830		U
AG143	2	0%	0.0810	0.0810						< 0.0810		U
AG62	2	0%	0.0810	0.0820						< 0.0820		U
FB130	2	0%	0.0760	0.0800						< 0.0800		U
FB372	2	0%	0.0790	0.0830						< 0.0830		U
All Puyallup CB Locations	3	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	4	0%	0.0800	0.0830						< 0.0830		U
All Puyallup AG Locations	4	0%	0.0810	0.0820						< 0.0820		U
All Puyallup FB Locations	4	0%	0.0760	0.0830						< 0.0830		U
All Puyallup Locations	15	0%	0.0760	0.0830						< 0.0830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.0820						< 0.0820		U
All RB Locations	8	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	8	0%	0.0790	0.0830						< 0.0830		U
All FB Locations	8	0%	0.0760	0.0840						< 0.0840		U
All Locations	30	0%	0.0760	0.0840						< 0.0840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-59. Summary statistics for 1,2-dichlorobenzene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.0830						< 0.0830		U
CBX	6	0%	0.0760	0.0810						< 0.0810		U
RB111	6	0%	0.0780	0.0830						< 0.0830		U
RB202	6	0%	0.0790	0.0810						< 0.0810		U
AG174	6	0%	0.0800	0.0830						< 0.0830		U
AGG	6	0%	0.0760	0.0800						< 0.0800		U
FB200	6	0%	0.0780	0.0830						< 0.0830		U
FB203	6	0%	0.0780	0.0810						< 0.0810		U
All Snohomish CB Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish RB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish AG Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish FB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish Locations	48	0%	0.0760	0.0830						< 0.0830		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.0820						< 0.0820		U
CBB	6	0%	0.0770	0.0820						< 0.0820		U
RB53	6	0%	0.0770	0.0820						< 0.0820		U
RB209	6	0%	0.0770	0.0810						< 0.0810		U
AG143	6	0%	0.0780	0.0820						< 0.0820		U
AG62	6	0%	0.0760	0.0820						< 0.0820		U
FB130	6	0%	0.0790	0.0830						< 0.0830		U
FB372	6	0%	0.0770	0.0900						< 0.0900		U
All Puyallup CB Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	12	0%	0.0770	0.0820						< 0.0820		U
All Puyallup AG Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup FB Locations	12	0%	0.0770	0.0900						< 0.0900		U
All Puyallup Locations	48	0%	0.0760	0.0900						< 0.0900		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.0830						< 0.0830		U
All RB Locations	24	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	24	0%	0.0760	0.0830						< 0.0830		U
All FB Locations	24	0%	0.0770	0.0900						< 0.0900		U
All Locations	96	0%	0.0760	0.0900						< 0.0900		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-60. Summary statistics for 1,2-diphenylhydrazine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.0800						< 0.0800		U
CBX	1	0%	0.0810	0.0810						< 0.0810		U
RB111	2	0%	0.0770	0.0810						< 0.0810		U
RB202	2	0%	0.0830	0.0830						< 0.0830		U
AG174	2	0%	0.0810	0.0810						< 0.0810		U
AGG	2	0%	0.0790	0.0830						< 0.0830		U
FB200	2	0%	0.0760	0.0810						< 0.0810		U
FB203	2	0%	0.0780	0.0840						< 0.0840		U
All Snohomish CB Locations	3	0%	0.0790	0.0810						< 0.0810		U
All Snohomish RB Locations	4	0%	0.0770	0.0830						< 0.0830		U
All Snohomish AG Locations	4	0%	0.0790	0.0830						< 0.0830		U
All Snohomish FB Locations	4	0%	0.0760	0.0840						< 0.0840		U
All Snomomish Locations	15	0%	0.0760	0.0840						< 0.0840		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.0820						< 0.0820		U
CBB	1	0%	0.0760	0.0760						< 0.0760		U
RB53	2	0%	0.0820	0.0830						< 0.0830		U
RB209	2	0%	0.0800	0.0830						< 0.0830		U
AG143	2	0%	0.0810	0.0810						< 0.0810		U
AG62	2	0%	0.0810	0.0820						< 0.0820		U
FB130	2	0%	0.0760	0.0800						< 0.0800		U
FB372	2	0%	0.0790	0.0830						< 0.0830		U
All Puyallup CB Locations	3	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	4	0%	0.0800	0.0830						< 0.0830		U
All Puyallup AG Locations	4	0%	0.0810	0.0820						< 0.0820		U
All Puyallup FB Locations	4	0%	0.0760	0.0830						< 0.0830		U
All Puyallup Locations	15	0%	0.0760	0.0830						< 0.0830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.0820						< 0.0820		U
All RB Locations	8	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	8	0%	0.0790	0.0830						< 0.0830		U
All FB Locations	8	0%	0.0760	0.0840						< 0.0840		U
All Locations	30	0%	0.0760	0.0840						< 0.0840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-60. Summary statistics for 1,2-diphenylhydrazine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.0830						< 0.0830		U
CBX	6	0%	0.0760	0.0810						< 0.0810		U
RB111	6	0%	0.0780	0.0830						< 0.0830		U
RB202	6	0%	0.0790	0.0810						< 0.0810		U
AG174	6	0%	0.0800	0.0830						< 0.0830		U
AGG	6	0%	0.0760	0.0800						< 0.0800		U
FB200	6	0%	0.0780	0.0830						< 0.0830		U
FB203	6	0%	0.0780	0.0810						< 0.0810		U
All Snohomish CB Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish RB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish AG Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish FB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snomomish Locations	48	0%	0.0760	0.0830						< 0.0830		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.0820						< 0.0820		U
CBB	6	0%	0.0770	0.0820						< 0.0820		U
RB53	6	0%	0.0770	0.0820						< 0.0820		U
RB209	6	0%	0.0770	0.0810						< 0.0810		U
AG143	6	0%	0.0780	0.0820						< 0.0820		U
AG62	6	0%	0.0760	0.0820						< 0.0820		U
FB130	6	0%	0.0790	0.0830						< 0.0830		U
FB372	6	0%	0.0770	0.0900						< 0.0900		U
All Puyallup CB Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	12	0%	0.0770	0.0820						< 0.0820		U
All Puyallup AG Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup FB Locations	12	0%	0.0770	0.0900						< 0.0900		U
All Puyallup Locations	48	0%	0.0760	0.0900						< 0.0900		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.0830						< 0.0830		U
All RB Locations	24	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	24	0%	0.0760	0.0830						< 0.0830		U
All FB Locations	24	0%	0.0770	0.0900						< 0.0900		U
All Locations	96	0%	0.0760	0.0900						< 0.0900		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-61. Summary statistics for 1,3-dichlorobenzene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.0800						< 0.0800		U
CBX	1	0%	0.0810	0.0810						< 0.0810		U
RB111	2	0%	0.0770	0.0810						< 0.0810		U
RB202	2	0%	0.0830	0.0830						< 0.0830		U
AG174	2	0%	0.0810	0.0810						< 0.0810		U
AGG	2	0%	0.0790	0.0830						< 0.0830		U
FB200	2	0%	0.0760	0.0810						< 0.0810		U
FB203	2	0%	0.0780	0.0840						< 0.0840		U
All Snohomish CB Locations	3	0%	0.0790	0.0810						< 0.0810		U
All Snohomish RB Locations	4	0%	0.0770	0.0830						< 0.0830		U
All Snohomish AG Locations	4	0%	0.0790	0.0830						< 0.0830		U
All Snohomish FB Locations	4	0%	0.0760	0.0840						< 0.0840		U
All Snomomish Locations	15	0%	0.0760	0.0840						< 0.0840		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.0820						< 0.0820		U
CBB	1	0%	0.0760	0.0760						< 0.0760		U
RB53	2	0%	0.0820	0.0830						< 0.0830		U
RB209	2	0%	0.0800	0.0830						< 0.0830		U
AG143	2	0%	0.0810	0.0810						< 0.0810		U
AG62	2	0%	0.0810	0.0820						< 0.0820		U
FB130	2	0%	0.0760	0.0800						< 0.0800		U
FB372	2	0%	0.0790	0.0830						< 0.0830		U
All Puyallup CB Locations	3	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	4	0%	0.0800	0.0830						< 0.0830		U
All Puyallup AG Locations	4	0%	0.0810	0.0820						< 0.0820		U
All Puyallup FB Locations	4	0%	0.0760	0.0830						< 0.0830		U
All Puyallup Locations	15	0%	0.0760	0.0830						< 0.0830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.0820						< 0.0820		U
All RB Locations	8	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	8	0%	0.0790	0.0830						< 0.0830		U
All FB Locations	8	0%	0.0760	0.0840						< 0.0840		U
All Locations	30	0%	0.0760	0.0840						< 0.0840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-61. Summary statistics for 1,3-dichlorobenzene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.0830						< 0.0830		U
CBX	6	0%	0.0760	0.0810						< 0.0810		U
RB111	6	0%	0.0780	0.0830						< 0.0830		U
RB202	6	0%	0.0790	0.0810						< 0.0810		U
AG174	6	0%	0.0800	0.0830						< 0.0830		U
AGG	6	0%	0.0760	0.0800						< 0.0800		U
FB200	6	0%	0.0780	0.0830						< 0.0830		U
FB203	6	0%	0.0780	0.0810						< 0.0810		U
All Snohomish CB Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish RB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish AG Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish FB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snomomish Locations	48	0%	0.0760	0.0830						< 0.0830		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.0820						< 0.0820		U
CBB	6	0%	0.0770	0.0820						< 0.0820		U
RB53	6	0%	0.0770	0.0820						< 0.0820		U
RB209	6	0%	0.0770	0.0810						< 0.0810		U
AG143	6	0%	0.0780	0.0820						< 0.0820		U
AG62	6	0%	0.0760	0.0820						< 0.0820		U
FB130	6	0%	0.0790	0.0830						< 0.0830		U
FB372	6	0%	0.0770	0.0900						< 0.0900		U
All Puyallup CB Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	12	0%	0.0770	0.0820						< 0.0820		U
All Puyallup AG Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup FB Locations	12	0%	0.0770	0.0900						< 0.0900		U
All Puyallup Locations	48	0%	0.0760	0.0900						< 0.0900		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.0830						< 0.0830		U
All RB Locations	24	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	24	0%	0.0760	0.0830						< 0.0830		U
All FB Locations	24	0%	0.0770	0.0900						< 0.0900		U
All Locations	96	0%	0.0760	0.0900						< 0.0900		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-62. Summary statistics for 1,4-dichlorobenzene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.0800						< 0.0800		U
CBX	1	0%	0.0810	0.0810						< 0.0810		U
RB111	2	0%	0.0770	0.0810						< 0.0810		U
RB202	2	0%	0.0830	0.0830						< 0.0830		U
AG174	2	0%	0.0810	0.0810						< 0.0810		U
AGG	2	0%	0.0790	0.0830						< 0.0830		U
FB200	2	0%	0.0760	0.0810						< 0.0810		U
FB203	2	0%	0.0780	0.0840						< 0.0840		U
All Snohomish CB Locations	3	0%	0.0790	0.0810						< 0.0810		U
All Snohomish RB Locations	4	0%	0.0770	0.0830						< 0.0830		U
All Snohomish AG Locations	4	0%	0.0790	0.0830						< 0.0830		U
All Snohomish FB Locations	4	0%	0.0760	0.0840						< 0.0840		U
All Snomomish Locations	15	0%	0.0760	0.0840						< 0.0840		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.0820						< 0.0820		U
CBB	1	0%	0.0760	0.0760						< 0.0760		U
RB53	2	0%	0.0820	0.0830						< 0.0830		U
RB209	2	0%	0.0800	0.0830						< 0.0830		U
AG143	2	0%	0.0810	0.0810						< 0.0810		U
AG62	2	0%	0.0810	0.0820						< 0.0820		U
FB130	2	0%	0.0760	0.0800						< 0.0800		U
FB372	2	0%	0.0790	0.0830						< 0.0830		U
All Puyallup CB Locations	3	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	4	0%	0.0800	0.0830						< 0.0830		U
All Puyallup AG Locations	4	0%	0.0810	0.0820						< 0.0820		U
All Puyallup FB Locations	4	0%	0.0760	0.0830						< 0.0830		U
All Puyallup Locations	15	0%	0.0760	0.0830						< 0.0830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.0820						< 0.0820		U
All RB Locations	8	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	8	0%	0.0790	0.0830						< 0.0830		U
All FB Locations	8	0%	0.0760	0.0840						< 0.0840		U
All Locations	30	0%	0.0760	0.0840						< 0.0840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-62. Summary statistics for 1,4-dichlorobenzene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.0830						< 0.0830		U
CBX	6	0%	0.0760	0.0810						< 0.0810		U
RB111	6	0%	0.0780	0.0830						< 0.0830		U
RB202	6	0%	0.0790	0.0810						< 0.0810		U
AG174	6	0%	0.0800	0.0830						< 0.0830		U
AGG	6	0%	0.0760	0.0800						< 0.0800		U
FB200	6	0%	0.0780	0.0830						< 0.0830		U
FB203	6	0%	0.0780	0.0810						< 0.0810		U
All Snohomish CB Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish RB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish AG Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish FB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snomomish Locations	48	0%	0.0760	0.0830						< 0.0830		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.0820						< 0.0820		U
CBB	6	0%	0.0770	0.0820						< 0.0820		U
RB53	6	0%	0.0770	0.0820						< 0.0820		U
RB209	6	0%	0.0770	0.0810						< 0.0810		U
AG143	6	0%	0.0780	0.0820						< 0.0820		U
AG62	6	0%	0.0760	0.0820						< 0.0820		U
FB130	6	0%	0.0790	0.0830						< 0.0830		U
FB372	6	0%	0.0770	0.0900						< 0.0900		U
All Puyallup CB Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	12	0%	0.0770	0.0820						< 0.0820		U
All Puyallup AG Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup FB Locations	12	0%	0.0770	0.0900						< 0.0900		U
All Puyallup Locations	48	0%	0.0760	0.0900						< 0.0900		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.0830						< 0.0830		U
All RB Locations	24	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	24	0%	0.0760	0.0830						< 0.0830		U
All FB Locations	24	0%	0.0770	0.0900						< 0.0900		U
All Locations	96	0%	0.0760	0.0900						< 0.0900		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-63. Summary statistics for 1-methylnaphthalene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.00980	0.00980						< 0.00980		U
CBX	1	0%	0.00970	0.00970						< 0.00970		U
RB111	2	50%	0.00980	0.01100	0.00645	0.00645	0.00550			0.00740		E
RB202	2	0%	0.00990	0.00990						< 0.00990		U
AG174	2	50%	0.00980	0.00990	0.00590	0.00590	0.00490			0.00690		E
AGG	2	0%	0.00980	0.00990						< 0.00990		U
FB200	2	50%	0.00990	0.00990	0.00598	0.00598	0.00495			0.00700		E
FB203	2	50%	0.00980	0.00980	0.00585	0.00585	0.00490			0.00680		E
All Snohomish CB Locations	3	0%	0.00970	0.00980						< 0.00980		U
All Snohomish RB Locations	4	25%	0.00980	0.01100	0.00570	0.00522	0.00495	0.00495	0.00645	0.00740	0.00150	E
All Snohomish AG Locations	4	25%	0.00980	0.00990	0.00541	0.00493	0.00490	0.00490	0.00592	0.00690	0.00102	E
All Snohomish FB Locations	4	50%	0.00980	0.00990	0.00591	0.00587	0.00490	0.00493	0.00690	0.00700	0.00198	E
All Snomomish Locations	15	27%	0.00970	0.01100	0.00552	0.00495	0.00485	0.00490	0.00648	0.00740	0.00158	E
Puyallup Watershed												
CBA	2	0%	0.00980	0.00980						< 0.00980		U
CBB	1	0%	0.00980	0.00980						< 0.00980		U
RB53	2	0%	0.00980	0.00980						< 0.00980		U
RB209	2	50%	0.00980	0.01100	0.00695	0.00695	0.00550			0.00840		E
AG143	2	0%	0.00970	0.01000						< 0.01000		U
AG62	2	0%	0.00970	0.01000						< 0.01000		U
FB130	2	0%	0.00980	0.00990						< 0.00990		U
FB372	2	0%	0.00980	0.00990						< 0.00990		U
All Puyallup CB Locations	3	0%	0.00980	0.00980						< 0.00980		U
All Puyallup RB Locations	4	25%	0.00980	0.01100	0.00592	0.00520	0.00490	0.00490	0.00695	0.00840	0.00205	E
All Puyallup AG Locations	4	0%	0.00970	0.01000						< 0.01000		U
All Puyallup FB Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Puyallup Locations	15	7%	0.00970	0.01100	0.00519	0.00490	0.00485	0.00490	0.00499	0.00840	0.00009	E
All Monitoring Locations Combined												
All CB Locations	6	0%	0.00970	0.00980						< 0.00980		U
All RB Locations	8	25%	0.00980	0.01100	0.00581	0.00522	0.00490	0.00493	0.00645	0.00840	0.00153	E
All AG Locations	8	13%	0.00970	0.01000	0.00517	0.00493	0.00485	0.00488	0.00500	0.00690	0.00012	E
All FB Locations	8	25%	0.00980	0.00990	0.00542	0.00495	0.00490	0.00490	0.00587	0.00700	0.00097	E
All Locations	30	17%	0.00970	0.01100	0.00535	0.00493	0.00485	0.00490	0.00500	0.00840	0.00010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-63. Summary statistics for 1-methylnaphthalene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	33%	0.00970	0.01200	0.01377	0.00550	0.00495	0.00495	0.00970	0.05200	0.00475	E
CBX	6	0%	0.00970	0.01000						< 0.01000		U
RB111	6	17%	0.00970	0.01100	0.00474	0.00495	0.00320	0.00485	0.00500	0.00550	0.00015	E
RB202	6	17%	0.00970	0.01200	0.00481	0.00490	0.00320	0.00485	0.00500	0.00600	0.00015	E
AG174	6	17%	0.00970	0.01100	0.00476	0.00488	0.00350	0.00485	0.00495	0.00550	0.00010	E
AGG	6	0%	0.00970	0.01200						< 0.01200		U
FB200	6	0%	0.00970	0.01100						< 0.01100		U
FB203	6	0%	0.00970	0.01100						< 0.01100		U
All Snohomish CB Locations	12	17%	0.00970	0.01200	0.00935	0.00495	0.00485	0.00493	0.00550	0.05200	0.00057	E
All Snohomish RB Locations	12	17%	0.00970	0.01200	0.00478	0.00495	0.00320	0.00485	0.00500	0.00600	0.00015	E
All Snohomish AG Locations	12	8%	0.00970	0.01200	0.00493	0.00490	0.00350	0.00485	0.00495	0.00600	0.00010	E
All Snohomish FB Locations	12	0%	0.00970	0.01100						< 0.01100		U
All Snomomish Locations	48	10%	0.00970	0.01200	0.00601	0.00495	0.00320	0.00488	0.00500	0.05200	0.00012	E
Puyallup Watershed												
CBA	6	50%	0.00980	0.01900	0.00883	0.00915	0.00495	0.00620	0.00950	0.01400	0.00330	E
CBB	6	50%	0.00970	0.01800	0.00797	0.00658	0.00470	0.00495	0.00900	0.01600	0.00405	E
RB53	6	17%	0.00970	0.01700	0.00591	0.00500	0.00360	0.00485	0.00850	0.00850	0.00365	E
RB209	6	33%	0.00970	0.01700	0.00615	0.00515	0.00485	0.00495	0.00830	0.00850	0.00335	E
AG143	6	0%	0.00980	0.01700						< 0.01700		U
AG62	6	0%	0.00970	0.01800						< 0.01800		U
FB130	6	0%	0.00970	0.01700						< 0.01700		U
FB372	6	0%	0.00970	0.01700						< 0.01700		U
All Puyallup CB Locations	12	50%	0.00970	0.01900	0.00840	0.00860	0.00470	0.00495	0.00940	0.01600	0.00445	E
All Puyallup RB Locations	12	25%	0.00970	0.01700	0.00603	0.00500	0.00360	0.00490	0.00840	0.00850	0.00350	E
All Puyallup AG Locations	12	0%	0.00970	0.01800						< 0.01800		U
All Puyallup FB Locations	12	0%	0.00970	0.01700						< 0.01700		U
All Puyallup Locations	48	19%	0.00970	0.01900	0.00651	0.00500	0.00360	0.00495	0.00850	0.01600	0.00355	E
All Monitoring Locations Combined												
All CB Locations	24	33%	0.00970	0.01900	0.00887	0.00500	0.00470	0.00495	0.00915	0.05200	0.00420	E
All RB Locations	24	21%	0.00970	0.01700	0.00540	0.00497	0.00320	0.00485	0.00540	0.00850	0.00055	E
All AG Locations	24	4%	0.00970	0.01800	0.00538	0.00495	0.00350	0.00490	0.00500	0.00900	0.00010	E
All FB Locations	24	0%	0.00970	0.01700						< 0.01700		U
All Locations	96	15%	0.00970	0.01900	0.00626	0.00495	0.00320	0.00490	0.00550	0.05200	0.00060	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-64. Summary statistics for 2,3,4,5-tetrachlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-64. Summary statistics for 2,3,4,5-tetrachlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-65. Summary statistics for 2,3,4,6-tetrachlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-65. Summary statistics for 2,3,4,6-tetrachlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	17%	0.0610	0.0640	0.0294	0.0310	0.0210	0.0305	0.0310	0.0320	0.0005	E
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	8%	0.0600	0.0640	0.0303	0.0310	0.0210	0.0305	0.0315	0.0320	0.0010	E
All Snomomish Locations	48	2%	0.0600	0.0710	0.0310	0.0310	0.0210	0.0305	0.0315	0.0355	0.0010	E
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	17%	0.0610	0.0620	0.0273	0.0305	0.0100	0.0305	0.0310	0.0310	0.0005	E
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	8%	0.0610	0.0630	0.0290	0.0305	0.0100	0.0305	0.0310	0.0315	0.0005	E
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	2%	0.0600	0.0650	0.0305	0.0310	0.0100	0.0305	0.0315	0.0325	0.0010	E
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	4%	0.0600	0.0640	0.0300	0.0305	0.0100	0.0305	0.0310	0.0320	0.0005	E
All FB Locations	24	4%	0.0600	0.0640	0.0306	0.0310	0.0210	0.0305	0.0312	0.0320	0.0008	E
All Locations	96	2%	0.0600	0.0710	0.0308	0.0310	0.0100	0.0305	0.0315	0.0355	0.0010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-66. Summary statistics for 2,4,5-trichlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-66. Summary statistics for 2,4,5-trichlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	17%	0.0610	0.0640	0.0301	0.0310	0.0250	0.0305	0.0310	0.0320	0.0005	E
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	8%	0.0600	0.0640	0.0306	0.0310	0.0250	0.0305	0.0315	0.0320	0.0010	E
All Snohomish Locations	48	2%	0.0600	0.0710	0.0311	0.0310	0.0250	0.0305	0.0315	0.0355	0.0010	E
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	4%	0.0600	0.0640	0.0307	0.0310	0.0250	0.0305	0.0312	0.0320	0.0008	E
All Locations	96	1%	0.0600	0.0710	0.0310	0.0310	0.0250	0.0305	0.0315	0.0355	0.0010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-67. Summary statistics for 2,4,6-trichlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-67. Summary statistics for 2,4,6-trichlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0620	0.0710						< 0.0710		U
CBX	6	0%	0.0610	0.0640						< 0.0640		U
RB111	6	0%	0.0600	0.0650						< 0.0650		U
RB202	6	0%	0.0600	0.0650						< 0.0650		U
AG174	6	0%	0.0610	0.0640						< 0.0640		U
AGG	6	0%	0.0600	0.0640						< 0.0640		U
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	12	0%	0.0610	0.0710						< 0.0710		U
All Snohomish RB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	12	0%	0.0600	0.0640						< 0.0640		U
All Snohomish Locations	48	0%	0.0600	0.0710						< 0.0710		U
Puyallup Watershed												
CBA	6	0%	0.0600	0.0650						< 0.0650		U
CBB	6	0%	0.0600	0.0640						< 0.0640		U
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	0%	0.0600	0.0650						< 0.0650		U
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	0%	0.0600	0.0650						< 0.0650		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0600	0.0710						< 0.0710		U
All RB Locations	24	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	24	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	24	0%	0.0600	0.0640						< 0.0640		U
All Locations	96	0%	0.0600	0.0710						< 0.0710		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-68. Summary statistics for 2,4-dichlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.790	0.800						< 0.800		U
CBX	1	0%	0.810	0.810						< 0.810		U
RB111	2	0%	0.770	0.810						< 0.810		U
RB202	2	0%	0.830	0.830						< 0.830		U
AG174	2	0%	0.810	0.810						< 0.810		U
AGG	2	0%	0.790	0.830						< 0.830		U
FB200	2	0%	0.760	0.810						< 0.810		U
FB203	2	0%	0.780	0.840						< 0.840		U
All Snohomish CB Locations	3	0%	0.790	0.810						< 0.810		U
All Snohomish RB Locations	4	0%	0.770	0.830						< 0.830		U
All Snohomish AG Locations	4	0%	0.790	0.830						< 0.830		U
All Snohomish FB Locations	4	0%	0.760	0.840						< 0.840		U
All Snohomish Locations	15	0%	0.760	0.840						< 0.840		U
Puyallup Watershed												
CBA	2	0%	0.810	0.820						< 0.820		U
CBB	1	0%	0.760	0.760						< 0.760		U
RB53	2	0%	0.820	0.830						< 0.830		U
RB209	2	0%	0.800	0.830						< 0.830		U
AG143	2	50%	0.810	0.810	0.238	0.238	0.072			0.405		E
AG62	2	0%	0.810	0.820						< 0.820		U
FB130	2	0%	0.760	0.800						< 0.800		U
FB372	2	0%	0.790	0.830						< 0.830		U
All Puyallup CB Locations	3	0%	0.760	0.820						< 0.820		U
All Puyallup RB Locations	4	0%	0.800	0.830						< 0.830		U
All Puyallup AG Locations	4	25%	0.810	0.820	0.323	0.405	0.072	0.238	0.407	0.410	0.169	E
All Puyallup FB Locations	4	0%	0.760	0.830						< 0.830		U
All Puyallup Locations	15	7%	0.760	0.830	0.381	0.405	0.072	0.396	0.410	0.415	0.014	E
All Monitoring Locations Combined												
All CB Locations	6	0%	0.760	0.820						< 0.820		U
All RB Locations	8	0%	0.770	0.830						< 0.830		U
All AG Locations	8	13%	0.790	0.830	0.364	0.405	0.072	0.400	0.407	0.415	0.007	E
All FB Locations	8	0%	0.760	0.840						< 0.840		U
All Locations	30	3%	0.760	0.840	0.392	0.405	0.072	0.395	0.410	0.420	0.015	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-68. Summary statistics for 2,4-dichlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.780	0.840						< 0.840		U
CBX	6	0%	0.760	0.840						< 0.840		U
RB111	6	0%	0.780	0.830						< 0.830		U
RB202	6	0%	0.790	0.810						< 0.810		U
AG174	6	0%	0.810	0.830						< 0.830		U
AGG	6	0%	0.760	0.830						< 0.830		U
FB200	6	0%	0.780	0.830						< 0.830		U
FB203	6	0%	0.780	0.810						< 0.810		U
All Snohomish CB Locations	12	0%	0.760	0.840						< 0.840		U
All Snohomish RB Locations	12	0%	0.780	0.830						< 0.830		U
All Snohomish AG Locations	12	0%	0.760	0.830						< 0.830		U
All Snohomish FB Locations	12	0%	0.780	0.830						< 0.830		U
All Snomomish Locations	48	0%	0.760	0.840						< 0.840		U
Puyallup Watershed												
CBA	6	0%	0.760	0.820						< 0.820		U
CBB	6	0%	0.770	0.820						< 0.820		U
RB53	6	0%	0.770	0.830						< 0.830		U
RB209	6	0%	0.770	0.820						< 0.820		U
AG143	6	0%	0.780	0.820						< 0.820		U
AG62	6	0%	0.760	0.820						< 0.820		U
FB130	6	0%	0.780	0.830						< 0.830		U
FB372	6	0%	0.770	0.930						< 0.930		U
All Puyallup CB Locations	12	0%	0.760	0.820						< 0.820		U
All Puyallup RB Locations	12	0%	0.770	0.830						< 0.830		U
All Puyallup AG Locations	12	0%	0.760	0.820						< 0.820		U
All Puyallup FB Locations	12	0%	0.770	0.930						< 0.930		U
All Puyallup Locations	48	0%	0.760	0.930						< 0.930		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.760	0.840						< 0.840		U
All RB Locations	24	0%	0.770	0.830						< 0.830		U
All AG Locations	24	0%	0.760	0.830						< 0.830		U
All FB Locations	24	0%	0.770	0.930						< 0.930		U
All Locations	96	0%	0.760	0.930						< 0.930		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-69. Summary statistics for 2,4-dimethylphenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.790	0.800						< 0.800		U
CBX	1	0%	0.810	0.810						< 0.810		U
RB111	2	0%	0.770	0.810						< 0.810		U
RB202	2	0%	0.830	0.830						< 0.830		U
AG174	2	0%	0.810	0.810						< 0.810		U
AGG	2	0%	0.790	0.830						< 0.830		U
FB200	2	0%	0.760	0.810						< 0.810		U
FB203	2	0%	0.780	0.840						< 0.840		U
All Snohomish CB Locations	3	0%	0.790	0.810						< 0.810		U
All Snohomish RB Locations	4	0%	0.770	0.830						< 0.830		U
All Snohomish AG Locations	4	0%	0.790	0.830						< 0.830		U
All Snohomish FB Locations	4	0%	0.760	0.840						< 0.840		U
All Snomomish Locations	15	0%	0.760	0.840						< 0.840		U
Puyallup Watershed												
CBA	2	0%	0.810	0.820						< 0.820		U
CBB	1	0%	0.760	0.760						< 0.760		U
RB53	2	0%	0.820	0.830						< 0.830		U
RB209	2	0%	0.800	0.830						< 0.830		U
AG143	2	0%	0.810	0.810						< 0.810		U
AG62	2	0%	0.810	0.820						< 0.820		U
FB130	2	0%	0.760	0.800						< 0.800		U
FB372	2	0%	0.790	0.830						< 0.830		U
All Puyallup CB Locations	3	0%	0.760	0.820						< 0.820		U
All Puyallup RB Locations	4	0%	0.800	0.830						< 0.830		U
All Puyallup AG Locations	4	0%	0.810	0.820						< 0.820		U
All Puyallup FB Locations	4	0%	0.760	0.830						< 0.830		U
All Puyallup Locations	15	0%	0.760	0.830						< 0.830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.760	0.820						< 0.820		U
All RB Locations	8	0%	0.770	0.830						< 0.830		U
All AG Locations	8	0%	0.790	0.830						< 0.830		U
All FB Locations	8	0%	0.760	0.840						< 0.840		U
All Locations	30	0%	0.760	0.840						< 0.840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-69. Summary statistics for 2,4-dimethylphenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.780	0.840	0.341	0.395	0.050	0.390	0.395	0.420	0.005	E
CBX	6	17%	0.760	0.840	0.350	0.400	0.086	0.380	0.415	0.420	0.035	E
RB111	6	17%	0.780	0.830	0.339	0.395	0.051	0.390	0.395	0.410	0.005	E
RB202	6	17%	0.790	0.810	0.341	0.398	0.047	0.395	0.405	0.405	0.010	E
AG174	6	0%	0.810	0.830						< 0.830		U
AGG	6	0%	0.760	0.830						< 0.830		U
FB200	6	0%	0.780	0.830						< 0.830		U
FB203	6	0%	0.780	0.810						< 0.810		U
All Snohomish CB Locations	12	17%	0.760	0.840	0.345	0.395	0.050	0.385	0.410	0.420	0.025	E
All Snohomish RB Locations	12	17%	0.780	0.830	0.340	0.395	0.047	0.392	0.403	0.410	0.010	E
All Snohomish AG Locations	12	0%	0.760	0.830						< 0.830		U
All Snohomish FB Locations	12	0%	0.780	0.830						< 0.830		U
All Snomomish Locations	48	8%	0.760	0.840	0.372	0.398	0.047	0.390	0.405	0.420	0.015	E
Puyallup Watershed												
CBA	6	0%	0.760	0.820						< 0.820		U
CBB	6	33%	0.770	0.820	0.282	0.387	0.052	0.060	0.395	0.410	0.335	E
RB53	6	0%	0.770	0.830						< 0.830		U
RB209	6	0%	0.770	0.820						< 0.820		U
AG143	6	0%	0.780	0.820						< 0.820		U
AG62	6	0%	0.760	0.820						< 0.820		U
FB130	6	0%	0.780	0.830						< 0.830		U
FB372	6	0%	0.770	0.930						< 0.930		U
All Puyallup CB Locations	12	17%	0.760	0.820	0.337	0.390	0.052	0.380	0.395	0.410	0.015	E
All Puyallup RB Locations	12	0%	0.770	0.830						< 0.830		U
All Puyallup AG Locations	12	0%	0.760	0.820						< 0.820		U
All Puyallup FB Locations	12	0%	0.770	0.930						< 0.930		U
All Puyallup Locations	48	4%	0.760	0.930	0.384	0.395	0.052	0.390	0.405	0.465	0.015	E
All Monitoring Locations Combined												
All CB Locations	24	17%	0.760	0.840	0.341	0.395	0.050	0.380	0.400	0.420	0.020	E
All RB Locations	24	8%	0.770	0.830	0.369	0.395	0.047	0.390	0.405	0.415	0.015	E
All AG Locations	24	0%	0.760	0.830						< 0.830		U
All FB Locations	24	0%	0.770	0.930						< 0.930		U
All Locations	96	6%	0.760	0.930	0.378	0.395	0.047	0.390	0.405	0.465	0.015	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-70. Summary statistics for 2,4-dinitrophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.790	0.800						< 0.800		U
CBX	1	0%	0.810	0.810						< 0.810		U
RB111	2	0%	0.770	0.810						< 0.810		U
RB202	2	0%	0.830	0.830						< 0.830		U
AG174	2	0%	0.810	0.810						< 0.810		U
AGG	2	0%	0.790	0.830						< 0.830		U
FB200	2	0%	0.760	0.810						< 0.810		U
FB203	2	0%	0.780	0.840						< 0.840		U
All Snohomish CB Locations	3	0%	0.790	0.810						< 0.810		U
All Snohomish RB Locations	4	0%	0.770	0.830						< 0.830		U
All Snohomish AG Locations	4	0%	0.790	0.830						< 0.830		U
All Snohomish FB Locations	4	0%	0.760	0.840						< 0.840		U
All Snomomish Locations	15	0%	0.760	0.840						< 0.840		U
Puyallup Watershed												
CBA	2	0%	0.810	0.820						< 0.820		U
CBB	1	0%	0.760	0.760						< 0.760		U
RB53	2	0%	0.820	0.830						< 0.830		U
RB209	2	0%	0.800	0.830						< 0.830		U
AG143	2	0%	0.810	0.810						< 0.810		U
AG62	2	0%	0.810	0.820						< 0.820		U
FB130	2	0%	0.760	0.800						< 0.800		U
FB372	2	0%	0.790	0.830						< 0.830		U
All Puyallup CB Locations	3	0%	0.760	0.820						< 0.820		U
All Puyallup RB Locations	4	0%	0.800	0.830						< 0.830		U
All Puyallup AG Locations	4	0%	0.810	0.820						< 0.820		U
All Puyallup FB Locations	4	0%	0.760	0.830						< 0.830		U
All Puyallup Locations	15	0%	0.760	0.830						< 0.830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.760	0.820						< 0.820		U
All RB Locations	8	0%	0.770	0.830						< 0.830		U
All AG Locations	8	0%	0.790	0.830						< 0.830		U
All FB Locations	8	0%	0.760	0.840						< 0.840		U
All Locations	30	0%	0.760	0.840						< 0.840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-70. Summary statistics for 2,4-dinitrophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.780	0.840	0.519	0.405	0.390	0.395	0.420	1.100	0.025	E
CBX	6	17%	0.760	0.840	0.452	0.400	0.380	0.395	0.420	0.720	0.025	E
RB111	6	0%	0.780	0.830						< 0.830		U
RB202	6	0%	0.790	0.810						< 0.810		U
AG174	6	0%	0.810	0.830						< 0.830		U
AGG	6	0%	0.760	0.830						< 0.830		U
FB200	6	0%	0.780	0.830						< 0.830		U
FB203	6	0%	0.780	0.810						< 0.810		U
All Snohomish CB Locations	12	17%	0.760	0.840	0.486	0.400	0.380	0.395	0.420	1.100	0.025	E
All Snohomish RB Locations	12	0%	0.780	0.830						< 0.830		U
All Snohomish AG Locations	12	0%	0.760	0.830						< 0.830		U
All Snohomish FB Locations	12	0%	0.780	0.830						< 0.830		U
All Snomomish Locations	48	4%	0.760	0.840	0.422	0.400	0.380	0.395	0.410	1.100	0.015	E
Puyallup Watershed												
CBA	6	0%	0.760	0.820						< 0.820		U
CBB	6	0%	0.770	0.820						< 0.820		U
RB53	6	0%	0.770	0.830						< 0.830		U
RB209	6	0%	0.770	0.820						< 0.820		U
AG143	6	0%	0.780	0.820						< 0.820		U
AG62	6	0%	0.760	0.820						< 0.820		U
FB130	6	0%	0.780	0.830						< 0.830		U
FB372	6	0%	0.770	0.930						< 0.930		U
All Puyallup CB Locations	12	0%	0.760	0.820						< 0.820		U
All Puyallup RB Locations	12	0%	0.770	0.830						< 0.830		U
All Puyallup AG Locations	12	0%	0.760	0.820						< 0.820		U
All Puyallup FB Locations	12	0%	0.770	0.930						< 0.930		U
All Puyallup Locations	48	0%	0.760	0.930						< 0.930		U
All Monitoring Locations Combined												
All CB Locations	24	8%	0.760	0.840	0.440	0.395	0.380	0.390	0.410	1.100	0.020	E
All RB Locations	24	0%	0.770	0.830						< 0.830		U
All AG Locations	24	0%	0.760	0.830						< 0.830		U
All FB Locations	24	0%	0.770	0.930						< 0.930		U
All Locations	96	2%	0.760	0.930	0.410	0.395	0.380	0.390	0.405	1.100	0.015	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-71. Summary statistics for 2,4-dinitrotoluene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.320						< 0.320		U
CBX	1	0%	0.320	0.320						< 0.320		U
RB111	2	0%	0.310	0.320						< 0.320		U
RB202	2	0%	0.330	0.330						< 0.330		U
AG174	2	0%	0.320	0.320						< 0.320		U
AGG	2	0%	0.320	0.330						< 0.330		U
FB200	2	0%	0.310	0.320						< 0.320		U
FB203	2	0%	0.310	0.340						< 0.340		U
All Snohomish CB Locations	3	0%	0.320	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.340						< 0.340		U
All Snomomish Locations	15	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.330	0.330						< 0.330		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	2	0%	0.330	0.330						< 0.330		U
RB209	2	0%	0.320	0.330						< 0.330		U
AG143	2	0%	0.320	0.330						< 0.330		U
AG62	2	0%	0.330	0.330						< 0.330		U
FB130	2	0%	0.310	0.320						< 0.320		U
FB372	2	0%	0.320	0.330						< 0.330		U
All Puyallup CB Locations	3	0%	0.310	0.330						< 0.330		U
All Puyallup RB Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup AG Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup FB Locations	4	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	15	0%	0.310	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	8	0%	0.310	0.330						< 0.330		U
All AG Locations	8	0%	0.320	0.330						< 0.330		U
All FB Locations	8	0%	0.310	0.340						< 0.340		U
All Locations	30	0%	0.310	0.340						< 0.340		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-71. Summary statistics for 2,4-dinitrotoluene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.310	0.340						< 0.340		U
CBX	6	0%	0.310	0.340						< 0.340		U
RB111	6	0%	0.310	0.330						< 0.330		U
RB202	6	0%	0.320	0.330						< 0.330		U
AG174	6	0%	0.320	0.330						< 0.330		U
AGG	6	0%	0.310	0.330						< 0.330		U
FB200	6	0%	0.310	0.330						< 0.330		U
FB203	6	0%	0.310	0.330						< 0.330		U
All Snohomish CB Locations	12	0%	0.310	0.340						< 0.340		U
All Snohomish RB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish FB Locations	12	0%	0.310	0.330						< 0.330		U
All Snomomish Locations	48	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	6	0%	0.300	0.330						< 0.330		U
CBB	6	0%	0.310	0.330						< 0.330		U
RB53	6	0%	0.310	0.330						< 0.330		U
RB209	6	0%	0.310	0.330						< 0.330		U
AG143	6	0%	0.310	0.330						< 0.330		U
AG62	6	0%	0.310	0.330						< 0.330		U
FB130	6	0%	0.310	0.330						< 0.330		U
FB372	6	0%	0.310	0.370						< 0.370		U
All Puyallup CB Locations	12	0%	0.300	0.330						< 0.330		U
All Puyallup RB Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup AG Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup FB Locations	12	0%	0.310	0.370						< 0.370		U
All Puyallup Locations	48	0%	0.300	0.370						< 0.370		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.300	0.340						< 0.340		U
All RB Locations	24	0%	0.310	0.330						< 0.330		U
All AG Locations	24	0%	0.310	0.330						< 0.330		U
All FB Locations	24	0%	0.310	0.370						< 0.370		U
All Locations	96	0%	0.300	0.370						< 0.370		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-72. Summary statistics for 2,6-dinitrotoluene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.320						< 0.320		U
CBX	1	0%	0.320	0.320						< 0.320		U
RB111	2	0%	0.310	0.320						< 0.320		U
RB202	2	0%	0.330	0.330						< 0.330		U
AG174	2	0%	0.320	0.320						< 0.320		U
AGG	2	0%	0.320	0.330						< 0.330		U
FB200	2	0%	0.310	0.320						< 0.320		U
FB203	2	0%	0.310	0.340						< 0.340		U
All Snohomish CB Locations	3	0%	0.320	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.340						< 0.340		U
All Snomomish Locations	15	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.330	0.330						< 0.330		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	2	0%	0.330	0.330						< 0.330		U
RB209	2	0%	0.320	0.330						< 0.330		U
AG143	2	0%	0.320	0.330						< 0.330		U
AG62	2	0%	0.330	0.330						< 0.330		U
FB130	2	0%	0.310	0.320						< 0.320		U
FB372	2	0%	0.320	0.330						< 0.330		U
All Puyallup CB Locations	3	0%	0.310	0.330						< 0.330		U
All Puyallup RB Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup AG Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup FB Locations	4	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	15	0%	0.310	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	8	0%	0.310	0.330						< 0.330		U
All AG Locations	8	0%	0.320	0.330						< 0.330		U
All FB Locations	8	0%	0.310	0.340						< 0.340		U
All Locations	30	0%	0.310	0.340						< 0.340		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-72. Summary statistics for 2,6-dinitrotoluene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.310	0.340						< 0.340		U
CBX	6	0%	0.310	0.340						< 0.340		U
RB111	6	0%	0.310	0.330						< 0.330		U
RB202	6	0%	0.320	0.330						< 0.330		U
AG174	6	0%	0.320	0.330						< 0.330		U
AGG	6	0%	0.310	0.330						< 0.330		U
FB200	6	0%	0.310	0.330						< 0.330		U
FB203	6	0%	0.310	0.330						< 0.330		U
All Snohomish CB Locations	12	0%	0.310	0.340						< 0.340		U
All Snohomish RB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish FB Locations	12	0%	0.310	0.330						< 0.330		U
All Snomomish Locations	48	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	6	0%	0.300	0.330						< 0.330		U
CBB	6	0%	0.310	0.330						< 0.330		U
RB53	6	0%	0.310	0.330						< 0.330		U
RB209	6	0%	0.310	0.330						< 0.330		U
AG143	6	0%	0.310	0.330						< 0.330		U
AG62	6	0%	0.310	0.330						< 0.330		U
FB130	6	0%	0.310	0.330						< 0.330		U
FB372	6	0%	0.310	0.370						< 0.370		U
All Puyallup CB Locations	12	0%	0.300	0.330						< 0.330		U
All Puyallup RB Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup AG Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup FB Locations	12	0%	0.310	0.370						< 0.370		U
All Puyallup Locations	48	0%	0.300	0.370						< 0.370		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.300	0.340						< 0.340		U
All RB Locations	24	0%	0.310	0.330						< 0.330		U
All AG Locations	24	0%	0.310	0.330						< 0.330		U
All FB Locations	24	0%	0.310	0.370						< 0.370		U
All Locations	96	0%	0.300	0.370						< 0.370		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-73. Summary statistics for 2-chloronaphthalene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.00980	0.00980						< 0.00980		U
CBX	1	0%	0.00970	0.00970						< 0.00970		U
RB111	2	0%	0.00980	0.01100						< 0.01100		U
RB202	2	0%	0.00990	0.00990						< 0.00990		U
AG174	2	0%	0.00980	0.00990						< 0.00990		U
AGG	2	0%	0.00980	0.00990						< 0.00990		U
FB200	2	0%	0.00990	0.00990						< 0.00990		U
FB203	2	0%	0.00980	0.00980						< 0.00980		U
All Snohomish CB Locations	3	0%	0.00970	0.00980						< 0.00980		U
All Snohomish RB Locations	4	0%	0.00980	0.01100						< 0.01100		U
All Snohomish AG Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Snohomish FB Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Snomomish Locations	15	0%	0.00970	0.01100						< 0.01100		U
Puyallup Watershed												
CBA	2	0%	0.00980	0.00980						< 0.00980		U
CBB	1	0%	0.00980	0.00980						< 0.00980		U
RB53	2	0%	0.00980	0.00980						< 0.00980		U
RB209	2	0%	0.00980	0.01100						< 0.01100		U
AG143	2	0%	0.00970	0.01000						< 0.01000		U
AG62	2	0%	0.00970	0.01000						< 0.01000		U
FB130	2	0%	0.00980	0.00990						< 0.00990		U
FB372	2	0%	0.00980	0.00990						< 0.00990		U
All Puyallup CB Locations	3	0%	0.00980	0.00980						< 0.00980		U
All Puyallup RB Locations	4	0%	0.00980	0.01100						< 0.01100		U
All Puyallup AG Locations	4	0%	0.00970	0.01000						< 0.01000		U
All Puyallup FB Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Puyallup Locations	15	0%	0.00970	0.01100						< 0.01100		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.00970	0.00980						< 0.00980		U
All RB Locations	8	0%	0.00980	0.01100						< 0.01100		U
All AG Locations	8	0%	0.00970	0.01000						< 0.01000		U
All FB Locations	8	0%	0.00980	0.00990						< 0.00990		U
All Locations	30	0%	0.00970	0.01100						< 0.01100		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-73. Summary statistics for 2-chloronaphthalene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.00970	0.01200						< 0.01200		U
CBX	6	0%	0.00970	0.00990						< 0.00990		U
RB111	6	0%	0.00970	0.01000						< 0.01000		U
RB202	6	0%	0.00970	0.01000						< 0.01000		U
AG174	6	0%	0.00970	0.00990						< 0.00990		U
AGG	6	0%	0.00970	0.00990						< 0.00990		U
FB200	6	0%	0.00970	0.01000						< 0.01000		U
FB203	6	0%	0.00970	0.01000						< 0.01000		U
All Snohomish CB Locations	12	0%	0.00970	0.01200						< 0.01200		U
All Snohomish RB Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Snohomish AG Locations	12	0%	0.00970	0.00990						< 0.00990		U
All Snohomish FB Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Snomomish Locations	48	0%	0.00970	0.01200						< 0.01200		U
Puyallup Watershed												
CBA	6	0%	0.00980	0.01000						< 0.01000		U
CBB	6	0%	0.00970	0.01000						< 0.01000		U
RB53	6	0%	0.00970	0.01000						< 0.01000		U
RB209	6	0%	0.00970	0.01000						< 0.01000		U
AG143	6	0%	0.00980	0.01000						< 0.01000		U
AG62	6	0%	0.00970	0.01000						< 0.01000		U
FB130	6	0%	0.00970	0.01000						< 0.01000		U
FB372	6	0%	0.00970	0.01000						< 0.01000		U
All Puyallup CB Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Puyallup RB Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Puyallup AG Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Puyallup FB Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Puyallup Locations	48	0%	0.00970	0.01000						< 0.01000		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.00970	0.01200						< 0.01200		U
All RB Locations	24	0%	0.00970	0.01000						< 0.01000		U
All AG Locations	24	0%	0.00970	0.01000						< 0.01000		U
All FB Locations	24	0%	0.00970	0.01000						< 0.01000		U
All Locations	96	0%	0.00970	0.01200						< 0.01200		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-74. Summary statistics for 2-chlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.320						< 0.320		U
CBX	1	0%	0.320	0.320						< 0.320		U
RB111	2	0%	0.310	0.320						< 0.320		U
RB202	2	0%	0.330	0.330						< 0.330		U
AG174	2	0%	0.320	0.320						< 0.320		U
AGG	2	0%	0.320	0.330						< 0.330		U
FB200	2	0%	0.310	0.320						< 0.320		U
FB203	2	0%	0.310	0.340						< 0.340		U
All Snohomish CB Locations	3	0%	0.320	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.340						< 0.340		U
All Snomomish Locations	15	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.330	0.330						< 0.330		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	2	0%	0.330	0.330						< 0.330		U
RB209	2	0%	0.320	0.330						< 0.330		U
AG143	2	0%	0.320	0.330						< 0.330		U
AG62	2	0%	0.330	0.330						< 0.330		U
FB130	2	0%	0.310	0.320						< 0.320		U
FB372	2	0%	0.320	0.330						< 0.330		U
All Puyallup CB Locations	3	0%	0.310	0.330						< 0.330		U
All Puyallup RB Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup AG Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup FB Locations	4	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	15	0%	0.310	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	8	0%	0.310	0.330						< 0.330		U
All AG Locations	8	0%	0.320	0.330						< 0.330		U
All FB Locations	8	0%	0.310	0.340						< 0.340		U
All Locations	30	0%	0.310	0.340						< 0.340		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-74. Summary statistics for 2-chlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.310	0.340						< 0.340		U
CBX	6	0%	0.310	0.340						< 0.340		U
RB111	6	0%	0.310	0.330						< 0.330		U
RB202	6	0%	0.320	0.330						< 0.330		U
AG174	6	0%	0.320	0.330						< 0.330		U
AGG	6	0%	0.310	0.330						< 0.330		U
FB200	6	0%	0.310	0.330						< 0.330		U
FB203	6	0%	0.310	0.330						< 0.330		U
All Snohomish CB Locations	12	0%	0.310	0.340						< 0.340		U
All Snohomish RB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish FB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish Locations	48	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	6	0%	0.300	0.330						< 0.330		U
CBB	6	0%	0.310	0.330						< 0.330		U
RB53	6	0%	0.310	0.330						< 0.330		U
RB209	6	0%	0.310	0.330						< 0.330		U
AG143	6	0%	0.310	0.330						< 0.330		U
AG62	6	0%	0.310	0.330						< 0.330		U
FB130	6	0%	0.310	0.330						< 0.330		U
FB372	6	0%	0.310	0.370						< 0.370		U
All Puyallup CB Locations	12	0%	0.300	0.330						< 0.330		U
All Puyallup RB Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup AG Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup FB Locations	12	0%	0.310	0.370						< 0.370		U
All Puyallup Locations	48	0%	0.300	0.370						< 0.370		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.300	0.340						< 0.340		U
All RB Locations	24	0%	0.310	0.330						< 0.330		U
All AG Locations	24	0%	0.310	0.330						< 0.330		U
All FB Locations	24	0%	0.310	0.370						< 0.370		U
All Locations	96	0%	0.300	0.370						< 0.370		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-75. Summary statistics for 2-methylnaphthalene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.00980	0.00980						< 0.00980		U
CBX	1	0%	0.00970	0.00970						< 0.00970		U
RB111	2	0%	0.00980	0.01100						< 0.01100		U
RB202	2	0%	0.00990	0.00990						< 0.00990		U
AG174	2	0%	0.00980	0.00990						< 0.00990		U
AGG	2	0%	0.00980	0.00990						< 0.00990		U
FB200	2	50%	0.00990	0.00990	0.00552	0.00552	0.00495			0.00610		E
FB203	2	0%	0.00980	0.00980						< 0.00980		U
All Snohomish CB Locations	3	0%	0.00970	0.00980						< 0.00980		U
All Snohomish RB Locations	4	0%	0.00980	0.01100						< 0.01100		U
All Snohomish AG Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Snohomish FB Locations	4	25%	0.00980	0.00990	0.00521	0.00493	0.00490	0.00490	0.00552	0.00610	0.00062	E
All Snohomish Locations	15	7%	0.00970	0.01100	0.00503	0.00490	0.00485	0.00490	0.00495	0.00610	0.00005	E
Puyallup Watershed												
CBA	2	50%	0.00980	0.00980	0.00690	0.00690	0.00490			0.00890		E
CBB	1	0%	0.00980	0.00980						< 0.00980		U
RB53	2	50%	0.00980	0.00980	0.00580	0.00580	0.00490			0.00670		E
RB209	2	50%	0.00980	0.01100	0.00670	0.00670	0.00550			0.00790		E
AG143	2	0%	0.00970	0.01000						< 0.01000		U
AG62	2	0%	0.00970	0.01000						< 0.01000		U
FB130	2	0%	0.00980	0.00990						< 0.00990		U
FB372	2	0%	0.00980	0.00990						< 0.00990		U
All Puyallup CB Locations	3	33%	0.00980	0.00980	0.00623	0.00490	0.00490	0.00490	0.00790	0.00890	0.00300	E
All Puyallup RB Locations	4	50%	0.00980	0.01100	0.00625	0.00610	0.00490	0.00520	0.00730	0.00790	0.00210	E
All Puyallup AG Locations	4	0%	0.00970	0.01000						< 0.01000		U
All Puyallup FB Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Puyallup Locations	15	20%	0.00970	0.01100	0.00554	0.00495	0.00485	0.00490	0.00538	0.00890	0.00048	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.00970	0.00980	0.00556	0.00490	0.00485	0.00490	0.00490	0.00890	0.00000	E
All RB Locations	8	25%	0.00980	0.01100	0.00566	0.00522	0.00490	0.00493	0.00610	0.00790	0.00117	E
All AG Locations	8	0%	0.00970	0.01000						< 0.01000		U
All FB Locations	8	13%	0.00980	0.00990	0.00507	0.00493	0.00490	0.00490	0.00495	0.00610	0.00005	E
All Locations	30	13%	0.00970	0.01100	0.00529	0.00493	0.00485	0.00490	0.00500	0.00890	0.00010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-75. Summary statistics for 2-methylnaphthalene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	5	20%	0.00970	0.01000	0.01375	0.00495	0.00485	0.00493	0.01600	0.04900	0.01107	E
CBX	5	0%	0.00970	0.01000						< 0.01000		U
RB111	5	20%	0.00970	0.01600	0.00604	0.00580	0.00495	0.00495	0.00687	0.00800	0.00192	E
RB202	5	20%	0.00970	0.01200	0.00524	0.00500	0.00485	0.00485	0.00563	0.00600	0.00078	E
AG174	5	20%	0.00970	0.01200	0.00518	0.00495	0.00485	0.00489	0.00540	0.00600	0.00051	E
AGG	5	0%	0.00970	0.01500						< 0.01500		U
FB200	5	0%	0.00970	0.01200						< 0.01200		U
FB203	5	0%	0.00980	0.01300						< 0.01300		U
All Snohomish CB Locations	10	10%	0.00970	0.01000	0.00934	0.00495	0.00485	0.00490	0.00500	0.04900	0.00010	E
All Snohomish RB Locations	10	20%	0.00970	0.01600	0.00564	0.00525	0.00485	0.00495	0.00600	0.00800	0.00105	E
All Snohomish AG Locations	10	10%	0.00970	0.01500	0.00530	0.00493	0.00485	0.00490	0.00520	0.00750	0.00030	E
All Snohomish FB Locations	10	0%	0.00970	0.01300						< 0.01300		U
All Snomomish Locations	40	10%	0.00970	0.01600	0.00637	0.00495	0.00485	0.00490	0.00535	0.04900	0.00045	E
Puyallup Watershed												
CBA	6	50%	0.00980	0.02800	0.01324	0.01325	0.00495	0.01100	0.01600	0.02100	0.00500	E
CBB	6	33%	0.00970	0.02500	0.01104	0.00873	0.00485	0.00495	0.01300	0.02600	0.00805	E
RB53	6	0%	0.00970	0.02500						< 0.02500		U
RB209	6	17%	0.00970	0.02500	0.00753	0.00497	0.00485	0.00490	0.01250	0.01300	0.00760	E
AG143	6	0%	0.00980	0.02500						< 0.02500		U
AG62	6	0%	0.00970	0.02700						< 0.02700		U
FB130	6	0%	0.00970	0.02400						< 0.02400		U
FB372	6	0%	0.00970	0.02500						< 0.02500		U
All Puyallup CB Locations	12	42%	0.00970	0.02800	0.01214	0.01250	0.00485	0.00495	0.01500	0.02600	0.01005	E
All Puyallup RB Locations	12	8%	0.00970	0.02500	0.00685	0.00497	0.00485	0.00485	0.00875	0.01300	0.00390	E
All Puyallup AG Locations	12	0%	0.00970	0.02700						< 0.02700		U
All Puyallup FB Locations	12	0%	0.00970	0.02500						< 0.02500		U
All Puyallup Locations	48	13%	0.00970	0.02800	0.00830	0.00500	0.00485	0.00493	0.01250	0.02600	0.00758	E
All Monitoring Locations Combined												
All CB Locations	22	27%	0.00970	0.02800	0.01087	0.00497	0.00485	0.00495	0.01300	0.04900	0.00805	E
All RB Locations	22	14%	0.00970	0.02500	0.00630	0.00500	0.00485	0.00485	0.00600	0.01300	0.00115	E
All AG Locations	22	5%	0.00970	0.02700	0.00616	0.00495	0.00485	0.00490	0.00520	0.01350	0.00030	E
All FB Locations	22	0%	0.00970	0.02500						< 0.02500		U
All Locations	88	11%	0.00970	0.02800	0.00742	0.00495	0.00485	0.00490	0.00650	0.04900	0.00160	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-76. Summary statistics for 2-nitroaniline concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	1.60	1.60						< 1.60		U
CBX	1	0%	1.60	1.60						< 1.60		U
RB111	2	0%	1.50	1.60						< 1.60		U
RB202	2	0%	1.70	1.70						< 1.70		U
AG174	2	0%	1.60	1.60						< 1.60		U
AGG	2	0%	1.60	1.70						< 1.70		U
FB200	2	0%	1.50	1.60						< 1.60		U
FB203	2	0%	1.60	1.70						< 1.70		U
All Snohomish CB Locations	3	0%	1.60	1.60						< 1.60		U
All Snohomish RB Locations	4	0%	1.50	1.70						< 1.70		U
All Snohomish AG Locations	4	0%	1.60	1.70						< 1.70		U
All Snohomish FB Locations	4	0%	1.50	1.70						< 1.70		U
All Snomomish Locations	15	0%	1.50	1.70						< 1.70		U
Puyallup Watershed												
CBA	2	0%	1.60	1.60						< 1.60		U
CBB	1	0%	1.50	1.50						< 1.50		U
RB53	2	0%	1.60	1.70						< 1.70		U
RB209	2	0%	1.60	1.70						< 1.70		U
AG143	2	0%	1.60	1.60						< 1.60		U
AG62	2	0%	1.60	1.60						< 1.60		U
FB130	2	0%	1.50	1.60						< 1.60		U
FB372	2	0%	1.60	1.70						< 1.70		U
All Puyallup CB Locations	3	0%	1.50	1.60						< 1.60		U
All Puyallup RB Locations	4	0%	1.60	1.70						< 1.70		U
All Puyallup AG Locations	4	0%	1.60	1.60						< 1.60		U
All Puyallup FB Locations	4	0%	1.50	1.70						< 1.70		U
All Puyallup Locations	15	0%	1.50	1.70						< 1.70		U
All Monitoring Locations Combined												
All CB Locations	6	0%	1.50	1.60						< 1.60		U
All RB Locations	8	0%	1.50	1.70						< 1.70		U
All AG Locations	8	0%	1.60	1.70						< 1.70		U
All FB Locations	8	0%	1.50	1.70						< 1.70		U
All Locations	30	0%	1.50	1.70						< 1.70		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-76. Summary statistics for 2-nitroaniline concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	1.60	1.70						< 1.70		U
CBX	6	0%	1.50	1.70						< 1.70		U
RB111	6	0%	1.60	1.70						< 1.70		U
RB202	6	0%	1.60	1.60						< 1.60		U
AG174	6	0%	1.60	1.70						< 1.70		U
AGG	6	0%	1.50	1.70						< 1.70		U
FB200	6	0%	1.60	1.70						< 1.70		U
FB203	6	0%	1.60	1.60						< 1.60		U
All Snohomish CB Locations	12	0%	1.50	1.70						< 1.70		U
All Snohomish RB Locations	12	0%	1.60	1.70						< 1.70		U
All Snohomish AG Locations	12	0%	1.50	1.70						< 1.70		U
All Snohomish FB Locations	12	0%	1.60	1.70						< 1.70		U
All Snomomish Locations	48	0%	1.50	1.70						< 1.70		U
Puyallup Watershed												
CBA	6	0%	1.50	1.60						< 1.60		U
CBB	6	0%	1.50	1.60						< 1.60		U
RB53	6	0%	1.50	1.70						< 1.70		U
RB209	6	0%	1.50	1.60						< 1.60		U
AG143	6	0%	1.60	1.60						< 1.60		U
AG62	6	0%	1.50	1.60						< 1.60		U
FB130	6	0%	1.60	1.70						< 1.70		U
FB372	6	0%	1.50	1.90						< 1.90		U
All Puyallup CB Locations	12	0%	1.50	1.60						< 1.60		U
All Puyallup RB Locations	12	0%	1.50	1.70						< 1.70		U
All Puyallup AG Locations	12	0%	1.50	1.60						< 1.60		U
All Puyallup FB Locations	12	0%	1.50	1.90						< 1.90		U
All Puyallup Locations	48	0%	1.50	1.90						< 1.90		U
All Monitoring Locations Combined												
All CB Locations	24	0%	1.50	1.70						< 1.70		U
All RB Locations	24	0%	1.50	1.70						< 1.70		U
All AG Locations	24	0%	1.50	1.70						< 1.70		U
All FB Locations	24	0%	1.50	1.90						< 1.90		U
All Locations	96	0%	1.50	1.90						< 1.90		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-77. Summary statistics for 2-nitrophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.160	0.160						< 0.160		U
CBX	1	0%	0.160	0.160						< 0.160		U
RB111	2	0%	0.150	0.160						< 0.160		U
RB202	2	0%	0.170	0.170						< 0.170		U
AG174	2	0%	0.160	0.160						< 0.160		U
AGG	2	0%	0.160	0.170						< 0.170		U
FB200	2	0%	0.150	0.160						< 0.160		U
FB203	2	0%	0.160	0.170						< 0.170		U
All Snohomish CB Locations	3	0%	0.160	0.160						< 0.160		U
All Snohomish RB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish AG Locations	4	0%	0.160	0.170						< 0.170		U
All Snohomish FB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish Locations	15	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	2	0%	0.160	0.160						< 0.160		U
CBB	1	0%	0.150	0.150						< 0.150		U
RB53	2	0%	0.160	0.170						< 0.170		U
RB209	2	0%	0.160	0.170						< 0.170		U
AG143	2	0%	0.160	0.160						< 0.160		U
AG62	2	0%	0.160	0.160						< 0.160		U
FB130	2	0%	0.150	0.160						< 0.160		U
FB372	2	0%	0.160	0.170						< 0.170		U
All Puyallup CB Locations	3	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	4	0%	0.160	0.170						< 0.170		U
All Puyallup AG Locations	4	0%	0.160	0.160						< 0.160		U
All Puyallup FB Locations	4	0%	0.150	0.170						< 0.170		U
All Puyallup Locations	15	0%	0.150	0.170						< 0.170		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.150	0.160						< 0.160		U
All RB Locations	8	0%	0.150	0.170						< 0.170		U
All AG Locations	8	0%	0.160	0.170						< 0.170		U
All FB Locations	8	0%	0.150	0.170						< 0.170		U
All Locations	30	0%	0.150	0.170						< 0.170		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-77. Summary statistics for 2-nitrophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.160	0.170						< 0.170		U
CBX	6	0%	0.150	0.170						< 0.170		U
RB111	6	0%	0.160	0.170						< 0.170		U
RB202	6	0%	0.160	0.160						< 0.160		U
AG174	6	0%	0.160	0.170						< 0.170		U
AGG	6	0%	0.150	0.170						< 0.170		U
FB200	6	0%	0.160	0.170						< 0.170		U
FB203	6	0%	0.160	0.160						< 0.160		U
All Snohomish CB Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish RB Locations	12	0%	0.160	0.170						< 0.170		U
All Snohomish AG Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish FB Locations	12	0%	0.160	0.170						< 0.170		U
All Snomomish Locations	48	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	6	0%	0.150	0.160						< 0.160		U
CBB	6	0%	0.150	0.160						< 0.160		U
RB53	6	0%	0.150	0.170						< 0.170		U
RB209	6	0%	0.150	0.160						< 0.160		U
AG143	6	0%	0.160	0.160						< 0.160		U
AG62	6	0%	0.150	0.160						< 0.160		U
FB130	6	0%	0.160	0.170						< 0.170		U
FB372	6	0%	0.150	0.190						< 0.190		U
All Puyallup CB Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	12	0%	0.150	0.170						< 0.170		U
All Puyallup AG Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup FB Locations	12	0%	0.150	0.190						< 0.190		U
All Puyallup Locations	48	0%	0.150	0.190						< 0.190		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.150	0.170						< 0.170		U
All RB Locations	24	0%	0.150	0.170						< 0.170		U
All AG Locations	24	0%	0.150	0.170						< 0.170		U
All FB Locations	24	0%	0.150	0.190						< 0.190		U
All Locations	96	0%	0.150	0.190						< 0.190		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-78. Summary statistics for 3,3-dichlorobenzidine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.160	0.160						< 0.160		U
CBX	1	0%	0.160	0.160						< 0.160		U
RB111	1	0%	0.150	0.150						< 0.150		U
RB202	1	0%	0.170	0.170						< 0.170		U
AG174	1	0%	0.160	0.160						< 0.160		U
AGG	1	0%	0.170	0.170						< 0.170		U
FB200	1	0%	0.150	0.150						< 0.150		U
FB203	1	0%	0.160	0.160						< 0.160		U
All Snohomish CB Locations	2	0%	0.160	0.160						< 0.160		U
All Snohomish RB Locations	2	0%	0.150	0.170						< 0.170		U
All Snohomish AG Locations	2	0%	0.160	0.170						< 0.170		U
All Snohomish FB Locations	2	0%	0.150	0.160						< 0.160		U
All Snomomish Locations	8	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	0											
CBB	1	0%	0.150	0.150						< 0.150		U
RB53	1	0%	0.170	0.170						< 0.170		U
RB209	1	0%	0.160	0.160						< 0.160		U
AG143	1	0%	0.160	0.160						< 0.160		U
AG62	1	0%	0.160	0.160						< 0.160		U
FB130	1	0%	0.150	0.150						< 0.150		U
FB372	1	0%	0.160	0.160						< 0.160		U
All Puyallup CB Locations	1	0%	0.150	0.150						< 0.150		U
All Puyallup RB Locations	2	0%	0.160	0.170						< 0.170		U
All Puyallup AG Locations	2	0%	0.160	0.160						< 0.160		U
All Puyallup FB Locations	2	0%	0.150	0.160						< 0.160		U
All Puyallup Locations	7	0%	0.150	0.170						< 0.170		U
All Monitoring Locations Combined												
All CB Locations	3	0%	0.150	0.160						< 0.160		U
All RB Locations	4	0%	0.150	0.170						< 0.170		U
All AG Locations	4	0%	0.160	0.170						< 0.170		U
All FB Locations	4	0%	0.150	0.160						< 0.160		U
All Locations	15	0%	0.150	0.170						< 0.170		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-78. Summary statistics for 3,3-dichlorobenzidine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.160	0.160						< 0.160		U
CBX	6	0%	0.150	0.170						< 0.170		U
RB111	5	0%	0.160	0.170						< 0.170		U
RB202	6	0%	0.160	0.160						< 0.160		U
AG174	6	0%	0.160	0.170						< 0.170		U
AGG	6	0%	0.150	0.170						< 0.170		U
FB200	6	0%	0.160	0.170						< 0.170		U
FB203	6	0%	0.160	0.160						< 0.160		U
All Snohomish CB Locations	7	0%	0.150	0.170						< 0.170		U
All Snohomish RB Locations	11	0%	0.160	0.170						< 0.170		U
All Snohomish AG Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish FB Locations	12	0%	0.160	0.170						< 0.170		U
All Snohomish Locations	42	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	2	0%	0.150	0.160						< 0.160		U
CBB	4	0%	0.150	0.160						< 0.160		U
RB53	4	0%	0.160	0.170						< 0.170		U
RB209	4	0%	0.150	0.160						< 0.160		U
AG143	4	0%	0.160	0.160						< 0.160		U
AG62	4	0%	0.150	0.160						< 0.160		U
FB130	4	0%	0.160	0.170						< 0.170		U
FB372	4	0%	0.160	0.190						< 0.190		U
All Puyallup CB Locations	6	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	8	0%	0.150	0.170						< 0.170		U
All Puyallup AG Locations	8	0%	0.150	0.160						< 0.160		U
All Puyallup FB Locations	8	0%	0.160	0.190						< 0.190		U
All Puyallup Locations	30	0%	0.150	0.190						< 0.190		U
All Monitoring Locations Combined												
All CB Locations	13	0%	0.150	0.170						< 0.170		U
All RB Locations	19	0%	0.150	0.170						< 0.170		U
All AG Locations	20	0%	0.150	0.170						< 0.170		U
All FB Locations	20	0%	0.160	0.190						< 0.190		U
All Locations	72	0%	0.150	0.190						< 0.190		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-79. Summary statistics for 4,6-dinitro-2-methylphenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	1.60	1.60						< 1.60		U
CBX	1	0%	1.60	1.60						< 1.60		U
RB111	2	0%	1.50	1.60						< 1.60		U
RB202	2	0%	1.70	1.70						< 1.70		U
AG174	2	0%	1.60	1.60						< 1.60		U
AGG	2	0%	1.60	1.70						< 1.70		U
FB200	2	0%	1.50	1.60						< 1.60		U
FB203	2	0%	1.60	1.70						< 1.70		U
All Snohomish CB Locations	3	0%	1.60	1.60						< 1.60		U
All Snohomish RB Locations	4	0%	1.50	1.70						< 1.70		U
All Snohomish AG Locations	4	0%	1.60	1.70						< 1.70		U
All Snohomish FB Locations	4	0%	1.50	1.70						< 1.70		U
All Snomomish Locations	15	0%	1.50	1.70						< 1.70		U
Puyallup Watershed												
CBA	2	0%	1.60	1.60						< 1.60		U
CBB	1	0%	1.50	1.50						< 1.50		U
RB53	2	0%	1.60	1.70						< 1.70		U
RB209	2	0%	1.60	1.70						< 1.70		U
AG143	2	0%	1.60	1.60						< 1.60		U
AG62	2	0%	1.60	1.60						< 1.60		U
FB130	2	0%	1.50	1.60						< 1.60		U
FB372	2	0%	1.60	1.70						< 1.70		U
All Puyallup CB Locations	3	0%	1.50	1.60						< 1.60		U
All Puyallup RB Locations	4	0%	1.60	1.70						< 1.70		U
All Puyallup AG Locations	4	0%	1.60	1.60						< 1.60		U
All Puyallup FB Locations	4	0%	1.50	1.70						< 1.70		U
All Puyallup Locations	15	0%	1.50	1.70						< 1.70		U
All Monitoring Locations Combined												
All CB Locations	6	0%	1.50	1.60						< 1.60		U
All RB Locations	8	0%	1.50	1.70						< 1.70		U
All AG Locations	8	0%	1.60	1.70						< 1.70		U
All FB Locations	8	0%	1.50	1.70						< 1.70		U
All Locations	30	0%	1.50	1.70						< 1.70		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-79. Summary statistics for 4,6-dinitro-2-methylphenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	1.60	1.70						< 1.70		U
CBX	6	0%	1.50	1.70						< 1.70		U
RB111	6	0%	1.60	1.70						< 1.70		U
RB202	6	0%	1.60	1.60						< 1.60		U
AG174	6	0%	1.60	1.70						< 1.70		U
AGG	6	0%	1.50	1.70						< 1.70		U
FB200	6	0%	1.60	1.70						< 1.70		U
FB203	6	0%	1.60	1.60						< 1.60		U
All Snohomish CB Locations	12	0%	1.50	1.70						< 1.70		U
All Snohomish RB Locations	12	0%	1.60	1.70						< 1.70		U
All Snohomish AG Locations	12	0%	1.50	1.70						< 1.70		U
All Snohomish FB Locations	12	0%	1.60	1.70						< 1.70		U
All Snomomish Locations	48	0%	1.50	1.70						< 1.70		U
Puyallup Watershed												
CBA	6	0%	1.50	1.60						< 1.60		U
CBB	6	0%	1.50	1.60						< 1.60		U
RB53	6	0%	1.50	1.70						< 1.70		U
RB209	6	0%	1.50	1.60						< 1.60		U
AG143	6	0%	1.60	1.60						< 1.60		U
AG62	6	0%	1.50	1.60						< 1.60		U
FB130	6	0%	1.60	1.70						< 1.70		U
FB372	6	0%	1.50	1.90						< 1.90		U
All Puyallup CB Locations	12	0%	1.50	1.60						< 1.60		U
All Puyallup RB Locations	12	0%	1.50	1.70						< 1.70		U
All Puyallup AG Locations	12	0%	1.50	1.60						< 1.60		U
All Puyallup FB Locations	12	0%	1.50	1.90						< 1.90		U
All Puyallup Locations	48	0%	1.50	1.90						< 1.90		U
All Monitoring Locations Combined												
All CB Locations	24	0%	1.50	1.70						< 1.70		U
All RB Locations	24	0%	1.50	1.70						< 1.70		U
All AG Locations	24	0%	1.50	1.70						< 1.70		U
All FB Locations	24	0%	1.50	1.90						< 1.90		U
All Locations	96	0%	1.50	1.90						< 1.90		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-80. Summary statistics for 4-bromophenyl phenyl ether concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.160	0.160						< 0.160		U
CBX	1	0%	0.160	0.160						< 0.160		U
RB111	2	0%	0.150	0.160						< 0.160		U
RB202	2	0%	0.170	0.170						< 0.170		U
AG174	2	0%	0.160	0.160						< 0.160		U
AGG	2	0%	0.160	0.170						< 0.170		U
FB200	2	0%	0.150	0.160						< 0.160		U
FB203	2	0%	0.160	0.170						< 0.170		U
All Snohomish CB Locations	3	0%	0.160	0.160						< 0.160		U
All Snohomish RB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish AG Locations	4	0%	0.160	0.170						< 0.170		U
All Snohomish FB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish Locations	15	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	2	0%	0.160	0.160						< 0.160		U
CBB	1	0%	0.150	0.150						< 0.150		U
RB53	2	0%	0.160	0.170						< 0.170		U
RB209	2	0%	0.160	0.170						< 0.170		U
AG143	2	0%	0.160	0.160						< 0.160		U
AG62	2	0%	0.160	0.160						< 0.160		U
FB130	2	0%	0.150	0.160						< 0.160		U
FB372	2	0%	0.160	0.170						< 0.170		U
All Puyallup CB Locations	3	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	4	0%	0.160	0.170						< 0.170		U
All Puyallup AG Locations	4	0%	0.160	0.160						< 0.160		U
All Puyallup FB Locations	4	0%	0.150	0.170						< 0.170		U
All Puyallup Locations	15	0%	0.150	0.170						< 0.170		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.150	0.160						< 0.160		U
All RB Locations	8	0%	0.150	0.170						< 0.170		U
All AG Locations	8	0%	0.160	0.170						< 0.170		U
All FB Locations	8	0%	0.150	0.170						< 0.170		U
All Locations	30	0%	0.150	0.170						< 0.170		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-80. Summary statistics for 4-bromophenyl phenyl ether concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.160	0.170						< 0.170		U
CBX	6	0%	0.150	0.170						< 0.170		U
RB111	6	0%	0.160	0.170						< 0.170		U
RB202	6	0%	0.160	0.160						< 0.160		U
AG174	6	0%	0.160	0.170						< 0.170		U
AGG	6	0%	0.150	0.170						< 0.170		U
FB200	6	0%	0.160	0.170						< 0.170		U
FB203	6	0%	0.160	0.160						< 0.160		U
All Snohomish CB Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish RB Locations	12	0%	0.160	0.170						< 0.170		U
All Snohomish AG Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish FB Locations	12	0%	0.160	0.170						< 0.170		U
All Snomomish Locations	48	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	6	0%	0.150	0.160						< 0.160		U
CBB	6	0%	0.150	0.160						< 0.160		U
RB53	6	0%	0.150	0.170						< 0.170		U
RB209	6	0%	0.150	0.160						< 0.160		U
AG143	6	0%	0.160	0.160						< 0.160		U
AG62	6	0%	0.150	0.160						< 0.160		U
FB130	6	0%	0.160	0.170						< 0.170		U
FB372	6	0%	0.150	0.190						< 0.190		U
All Puyallup CB Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	12	0%	0.150	0.170						< 0.170		U
All Puyallup AG Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup FB Locations	12	0%	0.150	0.190						< 0.190		U
All Puyallup Locations	48	0%	0.150	0.190						< 0.190		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.150	0.170						< 0.170		U
All RB Locations	24	0%	0.150	0.170						< 0.170		U
All AG Locations	24	0%	0.150	0.170						< 0.170		U
All FB Locations	24	0%	0.150	0.190						< 0.190		U
All Locations	96	0%	0.150	0.190						< 0.190		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-81. Summary statistics for 4-chloro-3-methylphenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.790	0.800						< 0.800		U
CBX	1	0%	0.810	0.810						< 0.810		U
RB111	2	0%	0.770	0.810						< 0.810		U
RB202	2	0%	0.830	0.830						< 0.830		U
AG174	2	0%	0.810	0.810						< 0.810		U
AGG	2	0%	0.790	0.830						< 0.830		U
FB200	2	0%	0.760	0.810						< 0.810		U
FB203	2	0%	0.780	0.840						< 0.840		U
All Snohomish CB Locations	3	0%	0.790	0.810						< 0.810		U
All Snohomish RB Locations	4	0%	0.770	0.830						< 0.830		U
All Snohomish AG Locations	4	0%	0.790	0.830						< 0.830		U
All Snohomish FB Locations	4	0%	0.760	0.840						< 0.840		U
All Snohomish Locations	15	0%	0.760	0.840						< 0.840		U
Puyallup Watershed												
CBA	2	0%	0.810	0.820						< 0.820		U
CBB	1	0%	0.760	0.760						< 0.760		U
RB53	2	0%	0.820	0.830						< 0.830		U
RB209	2	0%	0.800	0.830						< 0.830		U
AG143	2	0%	0.810	0.810						< 0.810		U
AG62	2	0%	0.810	0.820						< 0.820		U
FB130	2	0%	0.760	0.800						< 0.800		U
FB372	2	0%	0.790	0.830						< 0.830		U
All Puyallup CB Locations	3	0%	0.760	0.820						< 0.820		U
All Puyallup RB Locations	4	0%	0.800	0.830						< 0.830		U
All Puyallup AG Locations	4	0%	0.810	0.820						< 0.820		U
All Puyallup FB Locations	4	0%	0.760	0.830						< 0.830		U
All Puyallup Locations	15	0%	0.760	0.830						< 0.830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.760	0.820						< 0.820		U
All RB Locations	8	0%	0.770	0.830						< 0.830		U
All AG Locations	8	0%	0.790	0.830						< 0.830		U
All FB Locations	8	0%	0.760	0.840						< 0.840		U
All Locations	30	0%	0.760	0.840						< 0.840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-81. Summary statistics for 4-chloro-3-methylphenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.780	0.840						< 0.840		U
CBX	6	0%	0.760	0.840						< 0.840		U
RB111	6	0%	0.780	0.830						< 0.830		U
RB202	6	0%	0.790	0.810						< 0.810		U
AG174	6	0%	0.810	0.830						< 0.830		U
AGG	6	0%	0.760	0.830						< 0.830		U
FB200	6	0%	0.780	0.830						< 0.830		U
FB203	6	0%	0.780	0.810						< 0.810		U
All Snohomish CB Locations	12	0%	0.760	0.840						< 0.840		U
All Snohomish RB Locations	12	0%	0.780	0.830						< 0.830		U
All Snohomish AG Locations	12	0%	0.760	0.830						< 0.830		U
All Snohomish FB Locations	12	0%	0.780	0.830						< 0.830		U
All Snomomish Locations	48	0%	0.760	0.840						< 0.840		U
Puyallup Watershed												
CBA	6	0%	0.760	0.820						< 0.820		U
CBB	6	0%	0.770	0.820						< 0.820		U
RB53	6	0%	0.770	0.830						< 0.830		U
RB209	6	0%	0.770	0.820						< 0.820		U
AG143	6	0%	0.780	0.820						< 0.820		U
AG62	6	0%	0.760	0.820						< 0.820		U
FB130	6	0%	0.780	0.830						< 0.830		U
FB372	6	0%	0.770	0.930						< 0.930		U
All Puyallup CB Locations	12	0%	0.760	0.820						< 0.820		U
All Puyallup RB Locations	12	0%	0.770	0.830						< 0.830		U
All Puyallup AG Locations	12	0%	0.760	0.820						< 0.820		U
All Puyallup FB Locations	12	0%	0.770	0.930						< 0.930		U
All Puyallup Locations	48	0%	0.760	0.930						< 0.930		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.760	0.840						< 0.840		U
All RB Locations	24	0%	0.770	0.830						< 0.830		U
All AG Locations	24	0%	0.760	0.830						< 0.830		U
All FB Locations	24	0%	0.770	0.930						< 0.930		U
All Locations	96	0%	0.760	0.930						< 0.930		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-82. Summary statistics for 4-chloroaniline concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-82. Summary statistics for 4-chloroaniline concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	3.20	3.30						< 3.30		U
CBX	2	0%	3.20	3.30						< 3.30		U
RB111	2	0%	3.20	3.30						< 3.30		U
RB202	2	0%	3.20	3.20						< 3.20		U
AG174	2	0%	3.30	3.30						< 3.30		U
AGG	2	0%	3.20	3.20						< 3.20		U
FB200	2	0%	3.20	3.20						< 3.20		U
FB203	2	0%	3.10	3.20						< 3.20		U
All Snohomish CB Locations	4	0%	3.20	3.30						< 3.30		U
All Snohomish RB Locations	4	0%	3.20	3.30						< 3.30		U
All Snohomish AG Locations	4	0%	3.20	3.30						< 3.30		U
All Snohomish FB Locations	4	0%	3.10	3.20						< 3.20		U
All Snomomish Locations	16	0%	3.10	3.30						< 3.30		U
Puyallup Watershed												
CBA	1	0%	3.20	3.20						< 3.20		U
CBB	1	0%	3.10	3.10						< 3.10		U
RB53	1	0%	3.20	3.20						< 3.20		U
RB209	1	0%	3.10	3.10						< 3.10		U
AG143	1	0%	3.10	3.10						< 3.10		U
AG62	1	0%	3.10	3.10						< 3.10		U
FB130	1	0%	3.20	3.20						< 3.20		U
FB372	1	0%	3.30	3.30						< 3.30		U
All Puyallup CB Locations	2	0%	3.10	3.20						< 3.20		U
All Puyallup RB Locations	2	0%	3.10	3.20						< 3.20		U
All Puyallup AG Locations	2	0%	3.10	3.10						< 3.10		U
All Puyallup FB Locations	2	0%	3.20	3.30						< 3.30		U
All Puyallup Locations	8	0%	3.10	3.30						< 3.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	3.10	3.30						< 3.30		U
All RB Locations	6	0%	3.10	3.30						< 3.30		U
All AG Locations	6	0%	3.10	3.30						< 3.30		U
All FB Locations	6	0%	3.10	3.30						< 3.30		U
All Locations	24	0%	3.10	3.30						< 3.30		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-83. Summary statistics for 4-chlorophenyl-phenylether concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.0800						< 0.0800		U
CBX	1	0%	0.0810	0.0810						< 0.0810		U
RB111	2	0%	0.0770	0.0810						< 0.0810		U
RB202	2	0%	0.0830	0.0830						< 0.0830		U
AG174	2	0%	0.0810	0.0810						< 0.0810		U
AGG	2	0%	0.0790	0.0830						< 0.0830		U
FB200	2	0%	0.0760	0.0810						< 0.0810		U
FB203	2	0%	0.0780	0.0840						< 0.0840		U
All Snohomish CB Locations	3	0%	0.0790	0.0810						< 0.0810		U
All Snohomish RB Locations	4	0%	0.0770	0.0830						< 0.0830		U
All Snohomish AG Locations	4	0%	0.0790	0.0830						< 0.0830		U
All Snohomish FB Locations	4	0%	0.0760	0.0840						< 0.0840		U
All Snomomish Locations	15	0%	0.0760	0.0840						< 0.0840		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.0820						< 0.0820		U
CBB	1	0%	0.0760	0.0760						< 0.0760		U
RB53	2	0%	0.0820	0.0830						< 0.0830		U
RB209	2	0%	0.0800	0.0830						< 0.0830		U
AG143	2	0%	0.0810	0.0810						< 0.0810		U
AG62	2	0%	0.0810	0.0820						< 0.0820		U
FB130	2	0%	0.0760	0.0800						< 0.0800		U
FB372	2	0%	0.0790	0.0830						< 0.0830		U
All Puyallup CB Locations	3	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	4	0%	0.0800	0.0830						< 0.0830		U
All Puyallup AG Locations	4	0%	0.0810	0.0820						< 0.0820		U
All Puyallup FB Locations	4	0%	0.0760	0.0830						< 0.0830		U
All Puyallup Locations	15	0%	0.0760	0.0830						< 0.0830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.0820						< 0.0820		U
All RB Locations	8	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	8	0%	0.0790	0.0830						< 0.0830		U
All FB Locations	8	0%	0.0760	0.0840						< 0.0840		U
All Locations	30	0%	0.0760	0.0840						< 0.0840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-83. Summary statistics for 4-chlorophenyl-phenylether concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.0830						< 0.0830		U
CBX	6	0%	0.0760	0.0810						< 0.0810		U
RB111	6	0%	0.0780	0.0830						< 0.0830		U
RB202	6	0%	0.0790	0.0810						< 0.0810		U
AG174	6	0%	0.0800	0.0830						< 0.0830		U
AGG	6	0%	0.0760	0.0800						< 0.0800		U
FB200	6	0%	0.0780	0.0830						< 0.0830		U
FB203	6	0%	0.0780	0.0810						< 0.0810		U
All Snohomish CB Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish RB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish AG Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish FB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snomomish Locations	48	0%	0.0760	0.0830						< 0.0830		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.0820						< 0.0820		U
CBB	6	0%	0.0770	0.0820						< 0.0820		U
RB53	6	0%	0.0770	0.0820						< 0.0820		U
RB209	6	0%	0.0770	0.0810						< 0.0810		U
AG143	6	0%	0.0780	0.0820						< 0.0820		U
AG62	6	0%	0.0760	0.0820						< 0.0820		U
FB130	6	0%	0.0790	0.0830						< 0.0830		U
FB372	6	0%	0.0770	0.0900						< 0.0900		U
All Puyallup CB Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	12	0%	0.0770	0.0820						< 0.0820		U
All Puyallup AG Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup FB Locations	12	0%	0.0770	0.0900						< 0.0900		U
All Puyallup Locations	48	0%	0.0760	0.0900						< 0.0900		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.0830						< 0.0830		U
All RB Locations	24	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	24	0%	0.0760	0.0830						< 0.0830		U
All FB Locations	24	0%	0.0770	0.0900						< 0.0900		U
All Locations	96	0%	0.0760	0.0900						< 0.0900		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-84. Summary statistics for 4-nitroaniline concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.320						< 0.320		U
CBX	1	0%	0.320	0.320						< 0.320		U
RB111	2	0%	0.310	0.320						< 0.320		U
RB202	2	0%	0.330	0.330						< 0.330		U
AG174	2	0%	0.320	0.320						< 0.320		U
AGG	2	0%	0.320	0.330						< 0.330		U
FB200	2	0%	0.310	0.320						< 0.320		U
FB203	2	0%	0.310	0.340						< 0.340		U
All Snohomish CB Locations	3	0%	0.320	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.340						< 0.340		U
All Snomomish Locations	15	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.330	0.330						< 0.330		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	2	0%	0.330	0.330						< 0.330		U
RB209	2	0%	0.320	0.330						< 0.330		U
AG143	2	0%	0.320	0.330						< 0.330		U
AG62	2	0%	0.330	0.330						< 0.330		U
FB130	2	0%	0.310	0.320						< 0.320		U
FB372	2	0%	0.320	0.330						< 0.330		U
All Puyallup CB Locations	3	0%	0.310	0.330						< 0.330		U
All Puyallup RB Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup AG Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup FB Locations	4	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	15	0%	0.310	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	8	0%	0.310	0.330						< 0.330		U
All AG Locations	8	0%	0.320	0.330						< 0.330		U
All FB Locations	8	0%	0.310	0.340						< 0.340		U
All Locations	30	0%	0.310	0.340						< 0.340		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-84. Summary statistics for 4-nitroaniline concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.310	0.340						< 0.340		U
CBX	6	0%	0.310	0.340						< 0.340		U
RB111	6	0%	0.310	0.330						< 0.330		U
RB202	6	0%	0.320	0.330						< 0.330		U
AG174	6	0%	0.320	0.330						< 0.330		U
AGG	6	0%	0.310	0.330						< 0.330		U
FB200	6	0%	0.310	0.330						< 0.330		U
FB203	6	0%	0.310	0.330						< 0.330		U
All Snohomish CB Locations	12	0%	0.310	0.340						< 0.340		U
All Snohomish RB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish FB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish Locations	48	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	6	0%	0.300	0.330						< 0.330		U
CBB	6	0%	0.310	0.330						< 0.330		U
RB53	6	0%	0.310	0.330						< 0.330		U
RB209	6	0%	0.310	0.330						< 0.330		U
AG143	6	0%	0.310	0.330						< 0.330		U
AG62	6	0%	0.310	0.330						< 0.330		U
FB130	6	0%	0.310	0.330						< 0.330		U
FB372	6	0%	0.310	0.370						< 0.370		U
All Puyallup CB Locations	12	0%	0.300	0.330						< 0.330		U
All Puyallup RB Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup AG Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup FB Locations	12	0%	0.310	0.370						< 0.370		U
All Puyallup Locations	48	0%	0.300	0.370						< 0.370		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.300	0.340						< 0.340		U
All RB Locations	24	0%	0.310	0.330						< 0.330		U
All AG Locations	24	0%	0.310	0.330						< 0.330		U
All FB Locations	24	0%	0.310	0.370						< 0.370		U
All Locations	96	0%	0.300	0.370						< 0.370		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-85. Summary statistics for 4-nitrophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	0%	0.0600	0.0600						< 0.0600		U
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	0%	0.0620	0.0620						< 0.0620		U
AG174	2	0%	0.0610	0.0610						< 0.0610		U
AGG	2	0%	0.0610	0.0610						< 0.0610		U
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	0%	0.0600	0.0610						< 0.0610		U
All Snohomish RB Locations	4	0%	0.0610	0.0650						< 0.0650		U
All Snohomish AG Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	0%	0.0600	0.0650						< 0.0650		U
Puyallup Watershed												
CBA	2	0%	0.0610	0.0620						< 0.0620		U
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	0%	0.0600	0.0620						< 0.0620		U
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	0%	0.0610	0.0640						< 0.0640		U
AG62	2	0%	0.0620	0.0620						< 0.0620		U
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	0%	0.0610	0.0620						< 0.0620		U
All Puyallup RB Locations	4	0%	0.0600	0.0640						< 0.0640		U
All Puyallup AG Locations	4	0%	0.0610	0.0640						< 0.0640		U
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	0%	0.0600	0.0640						< 0.0640		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0600	0.0620						< 0.0620		U
All RB Locations	8	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	8	0%	0.0610	0.0640						< 0.0640		U
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	0%	0.0600	0.0650						< 0.0650		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-85. Summary statistics for 4-nitrophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0620	0.0710	0.3003	0.1750	0.0315	0.1000	0.5300	0.7900	0.4300	
CBX	5	40%	0.0610	0.0640	0.0669	0.0310	0.0305	0.0309	0.0865	0.1900	0.0556	E
RB111	5	0%	0.0600	0.0650						< 0.0650		U
RB202	5	0%	0.0600	0.0650						< 0.0650		U
AG174	5	0%	0.0610	0.0640						< 0.0640		U
AGG	5	0%	0.0600	0.0640						< 0.0640		U
FB200	5	0%	0.0600	0.0640						< 0.0640		U
FB203	5	0%	0.0610	0.0640						< 0.0640		U
All Snohomish CB Locations	11	64%	0.0610	0.0710	0.1942	0.1000	0.0305	0.0311	0.1900	0.7900	0.1589	
All Snohomish RB Locations	10	0%	0.0600	0.0650						< 0.0650		U
All Snohomish AG Locations	10	0%	0.0600	0.0640						< 0.0640		U
All Snohomish FB Locations	10	0%	0.0600	0.0640						< 0.0640		U
All Snomomish Locations	41	17%	0.0600	0.0710	0.0748	0.0310	0.0300	0.0305	0.0320	0.7900	0.0015	E
Puyallup Watershed												
CBA	6	33%	0.0600	0.0650	0.0466	0.0323	0.0300	0.0310	0.0340	0.1200	0.0030	E
CBB	6	17%	0.0600	0.0640	0.0327	0.0307	0.0300	0.0305	0.0320	0.0420	0.0015	E
RB53	6	0%	0.0610	0.0640						< 0.0640		U
RB209	6	0%	0.0610	0.0640						< 0.0640		U
AG143	6	0%	0.0610	0.0620						< 0.0620		U
AG62	6	0%	0.0610	0.0630						< 0.0630		U
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	25%	0.0600	0.0650	0.0396	0.0315	0.0300	0.0305	0.0333	0.1200	0.0027	E
All Puyallup RB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup AG Locations	12	0%	0.0610	0.0630						< 0.0630		U
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	6%	0.0600	0.0650	0.0331	0.0310	0.0300	0.0305	0.0315	0.1200	0.0010	E
All Monitoring Locations Combined												
All CB Locations	23	43%	0.0600	0.0710	0.1135	0.0320	0.0300	0.0310	0.1150	0.7900	0.0840	E
All RB Locations	22	0%	0.0600	0.0650						< 0.0650		U
All AG Locations	22	0%	0.0600	0.0640						< 0.0640		U
All FB Locations	22	0%	0.0600	0.0640						< 0.0640		U
All Locations	89	11%	0.0600	0.0710	0.0523	0.0310	0.0300	0.0305	0.0316	0.7900	0.0011	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-86. Summary statistics for bis(2-chloroethoxy)methane concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.0800						< 0.0800		U
CBX	1	0%	0.0810	0.0810						< 0.0810		U
RB111	2	0%	0.0770	0.0810						< 0.0810		U
RB202	2	0%	0.0830	0.0830						< 0.0830		U
AG174	2	0%	0.0810	0.0810						< 0.0810		U
AGG	2	0%	0.0790	0.0830						< 0.0830		U
FB200	2	0%	0.0760	0.0810						< 0.0810		U
FB203	2	0%	0.0780	0.0840						< 0.0840		U
All Snohomish CB Locations	3	0%	0.0790	0.0810						< 0.0810		U
All Snohomish RB Locations	4	0%	0.0770	0.0830						< 0.0830		U
All Snohomish AG Locations	4	0%	0.0790	0.0830						< 0.0830		U
All Snohomish FB Locations	4	0%	0.0760	0.0840						< 0.0840		U
All Snomomish Locations	15	0%	0.0760	0.0840						< 0.0840		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.0820						< 0.0820		U
CBB	1	0%	0.0760	0.0760						< 0.0760		U
RB53	2	0%	0.0820	0.0830						< 0.0830		U
RB209	2	0%	0.0800	0.0830						< 0.0830		U
AG143	2	0%	0.0810	0.0810						< 0.0810		U
AG62	2	0%	0.0810	0.0820						< 0.0820		U
FB130	2	0%	0.0760	0.0800						< 0.0800		U
FB372	2	0%	0.0790	0.0830						< 0.0830		U
All Puyallup CB Locations	3	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	4	0%	0.0800	0.0830						< 0.0830		U
All Puyallup AG Locations	4	0%	0.0810	0.0820						< 0.0820		U
All Puyallup FB Locations	4	0%	0.0760	0.0830						< 0.0830		U
All Puyallup Locations	15	0%	0.0760	0.0830						< 0.0830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.0820						< 0.0820		U
All RB Locations	8	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	8	0%	0.0790	0.0830						< 0.0830		U
All FB Locations	8	0%	0.0760	0.0840						< 0.0840		U
All Locations	30	0%	0.0760	0.0840						< 0.0840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-86. Summary statistics for bis(2-chloroethoxy)methane concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.0830						< 0.0830		U
CBX	6	0%	0.0760	0.0810						< 0.0810		U
RB111	6	0%	0.0780	0.0830						< 0.0830		U
RB202	6	0%	0.0790	0.0810						< 0.0810		U
AG174	6	0%	0.0800	0.0830						< 0.0830		U
AGG	6	0%	0.0760	0.0800						< 0.0800		U
FB200	6	0%	0.0780	0.0830						< 0.0830		U
FB203	6	0%	0.0780	0.0810						< 0.0810		U
All Snohomish CB Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish RB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish AG Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish FB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snomomish Locations	48	0%	0.0760	0.0830						< 0.0830		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.0820						< 0.0820		U
CBB	6	0%	0.0770	0.0820						< 0.0820		U
RB53	6	0%	0.0770	0.0820						< 0.0820		U
RB209	6	0%	0.0770	0.0810						< 0.0810		U
AG143	6	0%	0.0780	0.0820						< 0.0820		U
AG62	6	0%	0.0760	0.0820						< 0.0820		U
FB130	6	0%	0.0790	0.0830						< 0.0830		U
FB372	6	0%	0.0770	0.0900						< 0.0900		U
All Puyallup CB Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	12	0%	0.0770	0.0820						< 0.0820		U
All Puyallup AG Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup FB Locations	12	0%	0.0770	0.0900						< 0.0900		U
All Puyallup Locations	48	0%	0.0760	0.0900						< 0.0900		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.0830						< 0.0830		U
All RB Locations	24	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	24	0%	0.0760	0.0830						< 0.0830		U
All FB Locations	24	0%	0.0770	0.0900						< 0.0900		U
All Locations	96	0%	0.0760	0.0900						< 0.0900		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-87. Summary statistics for bis(2-chloroethyl)ether concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.160	0.160						< 0.160		U
CBX	1	0%	0.160	0.160						< 0.160		U
RB111	2	0%	0.150	0.160						< 0.160		U
RB202	2	0%	0.170	0.170						< 0.170		U
AG174	2	0%	0.160	0.160						< 0.160		U
AGG	2	0%	0.160	0.170						< 0.170		U
FB200	2	0%	0.150	0.160						< 0.160		U
FB203	2	0%	0.160	0.170						< 0.170		U
All Snohomish CB Locations	3	0%	0.160	0.160						< 0.160		U
All Snohomish RB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish AG Locations	4	0%	0.160	0.170						< 0.170		U
All Snohomish FB Locations	4	0%	0.150	0.170						< 0.170		U
All Snomomish Locations	15	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	2	0%	0.160	0.160						< 0.160		U
CBB	1	0%	0.150	0.150						< 0.150		U
RB53	2	0%	0.160	0.170						< 0.170		U
RB209	2	0%	0.160	0.170						< 0.170		U
AG143	2	0%	0.160	0.160						< 0.160		U
AG62	2	0%	0.160	0.160						< 0.160		U
FB130	2	0%	0.150	0.160						< 0.160		U
FB372	2	0%	0.160	0.170						< 0.170		U
All Puyallup CB Locations	3	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	4	0%	0.160	0.170						< 0.170		U
All Puyallup AG Locations	4	0%	0.160	0.160						< 0.160		U
All Puyallup FB Locations	4	0%	0.150	0.170						< 0.170		U
All Puyallup Locations	15	0%	0.150	0.170						< 0.170		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.150	0.160						< 0.160		U
All RB Locations	8	0%	0.150	0.170						< 0.170		U
All AG Locations	8	0%	0.160	0.170						< 0.170		U
All FB Locations	8	0%	0.150	0.170						< 0.170		U
All Locations	30	0%	0.150	0.170						< 0.170		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-87. Summary statistics for bis(2-chloroethyl)ether concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.160	0.170						< 0.170		U
CBX	6	0%	0.150	0.170						< 0.170		U
RB111	6	0%	0.160	0.170						< 0.170		U
RB202	6	0%	0.160	0.160						< 0.160		U
AG174	6	0%	0.160	0.170						< 0.170		U
AGG	6	0%	0.150	0.170						< 0.170		U
FB200	6	0%	0.160	0.170						< 0.170		U
FB203	6	0%	0.160	0.160						< 0.160		U
All Snohomish CB Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish RB Locations	12	0%	0.160	0.170						< 0.170		U
All Snohomish AG Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish FB Locations	12	0%	0.160	0.170						< 0.170		U
All Snomomish Locations	48	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	6	0%	0.150	0.160						< 0.160		U
CBB	6	0%	0.150	0.160						< 0.160		U
RB53	6	0%	0.150	0.170						< 0.170		U
RB209	6	0%	0.150	0.160						< 0.160		U
AG143	6	0%	0.160	0.160						< 0.160		U
AG62	6	0%	0.150	0.160						< 0.160		U
FB130	6	0%	0.160	0.170						< 0.170		U
FB372	6	0%	0.150	0.190						< 0.190		U
All Puyallup CB Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	12	0%	0.150	0.170						< 0.170		U
All Puyallup AG Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup FB Locations	12	0%	0.150	0.190						< 0.190		U
All Puyallup Locations	48	0%	0.150	0.190						< 0.190		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.150	0.170						< 0.170		U
All RB Locations	24	0%	0.150	0.170						< 0.170		U
All AG Locations	24	0%	0.150	0.170						< 0.170		U
All FB Locations	24	0%	0.150	0.190						< 0.190		U
All Locations	96	0%	0.150	0.190						< 0.190		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-88. Summary statistics for bisphenol a concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.320						< 0.320		U
CBX	1	0%	0.320	0.320						< 0.320		U
RB111	2	0%	0.310	0.320						< 0.320		U
RB202	2	0%	0.330	0.330						< 0.330		U
AG174	2	0%	0.320	0.320						< 0.320		U
AGG	2	0%	0.320	0.330						< 0.330		U
FB200	2	0%	0.310	0.320						< 0.320		U
FB203	2	0%	0.310	0.340						< 0.340		U
All Snohomish CB Locations	3	0%	0.320	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.340						< 0.340		U
All Snomomish Locations	15	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.330	0.330						< 0.330		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	2	0%	0.330	0.330						< 0.330		U
RB209	2	0%	0.320	0.330						< 0.330		U
AG143	2	0%	0.320	0.330						< 0.330		U
AG62	2	50%	0.330	0.330	0.128	0.128	0.092			0.165		E
FB130	2	0%	0.310	0.320						< 0.320		U
FB372	2	0%	0.320	0.330						< 0.330		U
All Puyallup CB Locations	3	0%	0.310	0.330						< 0.330		U
All Puyallup RB Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup AG Locations	4	25%	0.320	0.330	0.146	0.162	0.092	0.126	0.165	0.165	0.039	E
All Puyallup FB Locations	4	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	15	7%	0.310	0.330	0.157	0.165	0.092	0.160	0.165	0.165	0.005	E
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	8	0%	0.310	0.330						< 0.330		U
All AG Locations	8	13%	0.320	0.330	0.153	0.160	0.092	0.160	0.165	0.165	0.005	E
All FB Locations	8	0%	0.310	0.340						< 0.340		U
All Locations	30	3%	0.310	0.340	0.159	0.160	0.092	0.160	0.165	0.170	0.005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-88. Summary statistics for bisphenol a concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	67%	0.310	0.340	0.188	0.173	0.120	0.160	0.240	0.260	0.080	
CBX	6	50%	0.310	0.340	0.154	0.160	0.130	0.140	0.165	0.170	0.025	E
RB111	6	17%	0.310	0.330	0.146	0.160	0.070	0.155	0.165	0.165	0.010	E
RB202	6	17%	0.320	0.330	0.146	0.160	0.070	0.160	0.160	0.165	0.000	E
AG174	6	0%	0.320	0.330						< 0.330		U
AGG	6	17%	0.310	0.330	0.145	0.160	0.070	0.155	0.160	0.165	0.005	E
FB200	6	17%	0.310	0.330	0.144	0.157	0.070	0.155	0.160	0.165	0.005	E
FB203	6	17%	0.310	0.330	0.148	0.157	0.090	0.155	0.160	0.165	0.005	E
All Snohomish CB Locations	12	58%	0.310	0.340	0.171	0.162	0.120	0.150	0.175	0.260	0.025	
All Snohomish RB Locations	12	17%	0.310	0.330	0.146	0.160	0.070	0.157	0.162	0.165	0.005	E
All Snohomish AG Locations	12	8%	0.310	0.330	0.155	0.162	0.070	0.160	0.165	0.165	0.005	E
All Snohomish FB Locations	12	17%	0.310	0.330	0.146	0.157	0.070	0.155	0.160	0.165	0.005	E
All Snomomish Locations	48	25%	0.310	0.340	0.154	0.160	0.070	0.155	0.165	0.260	0.010	E
Puyallup Watershed												
CBA	6	67%	0.300	0.330	0.237	0.162	0.110	0.155	0.230	0.600	0.075	
CBB	6	67%	0.310	0.330	0.162	0.155	0.090	0.110	0.210	0.250	0.100	
RB53	6	0%	0.310	0.330						< 0.330		U
RB209	6	0%	0.310	0.330						< 0.330		U
AG143	6	0%	0.310	0.330						< 0.330		U
AG62	6	0%	0.310	0.330						< 0.330		U
FB130	6	0%	0.310	0.330						< 0.330		U
FB372	6	0%	0.310	0.370						< 0.370		U
All Puyallup CB Locations	12	67%	0.300	0.330	0.199	0.157	0.090	0.132	0.220	0.600	0.087	
All Puyallup RB Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup AG Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup FB Locations	12	0%	0.310	0.370						< 0.370		U
All Puyallup Locations	48	17%	0.300	0.370	0.170	0.160	0.090	0.155	0.165	0.600	0.010	E
All Monitoring Locations Combined												
All CB Locations	24	63%	0.300	0.340	0.185	0.160	0.090	0.148	0.195	0.600	0.047	
All RB Locations	24	8%	0.310	0.330	0.153	0.160	0.070	0.155	0.165	0.165	0.010	E
All AG Locations	24	4%	0.310	0.330	0.157	0.160	0.070	0.155	0.165	0.165	0.010	E
All FB Locations	24	8%	0.310	0.370	0.154	0.160	0.070	0.155	0.162	0.185	0.007	E
All Locations	96	21%	0.300	0.370	0.162	0.160	0.070	0.155	0.165	0.600	0.010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-89. Summary statistics for caffeine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.160	0.160						< 0.160		U
CBX	1	0%	0.160	0.160						< 0.160		U
RB111	2	0%	0.150	0.160						< 0.160		U
RB202	2	0%	0.170	0.170						< 0.170		U
AG174	2	0%	0.160	0.160						< 0.160		U
AGG	2	0%	0.160	0.170						< 0.170		U
FB200	2	0%	0.150	0.160						< 0.160		U
FB203	2	0%	0.160	0.170						< 0.170		U
All Snohomish CB Locations	3	0%	0.160	0.160						< 0.160		U
All Snohomish RB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish AG Locations	4	0%	0.160	0.170						< 0.170		U
All Snohomish FB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish Locations	15	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	2	0%	0.160	0.160						< 0.160		U
CBB	1	100%	0.150	0.150		0.087						
RB53	2	0%	0.160	0.170						< 0.170		U
RB209	2	0%	0.160	0.170						< 0.170		U
AG143	2	0%	0.160	0.160						< 0.160		U
AG62	2	0%	0.160	0.160						< 0.160		U
FB130	2	0%	0.150	0.160						< 0.160		U
FB372	2	0%	0.160	0.170						< 0.170		U
All Puyallup CB Locations	3	33%	0.150	0.160	0.082	0.080	0.080	0.080	0.085	0.087	0.005	E
All Puyallup RB Locations	4	0%	0.160	0.170						< 0.170		U
All Puyallup AG Locations	4	0%	0.160	0.160						< 0.160		U
All Puyallup FB Locations	4	0%	0.150	0.170						< 0.170		U
All Puyallup Locations	15	7%	0.150	0.170	0.081	0.080	0.075	0.080	0.084	0.087	0.004	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.150	0.160	0.081	0.080	0.080	0.080	0.080	0.087	0.000	E
All RB Locations	8	0%	0.150	0.170						< 0.170		U
All AG Locations	8	0%	0.160	0.170						< 0.170		U
All FB Locations	8	0%	0.150	0.170						< 0.170		U
All Locations	30	3%	0.150	0.170	0.081	0.080	0.075	0.080	0.085	0.087	0.005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-89. Summary statistics for caffeine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.160	0.170	0.330	0.320	0.080	0.230	0.410	0.620	0.180	
CBX	6	83%	0.150	0.170	0.180	0.155	0.080	0.120	0.240	0.330	0.120	
RB111	6	0%	0.160	0.170						< 0.170		U
RB202	6	0%	0.160	0.160						< 0.160		U
AG174	6	0%	0.160	0.170						< 0.170		U
AGG	6	0%	0.150	0.170						< 0.170		U
FB200	6	0%	0.160	0.170						< 0.170		U
FB203	6	0%	0.160	0.160						< 0.160		U
All Snohomish CB Locations	12	92%	0.150	0.170	0.255	0.235	0.080	0.130	0.330	0.620	0.200	
All Snohomish RB Locations	12	0%	0.160	0.170						< 0.170		U
All Snohomish AG Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish FB Locations	12	0%	0.160	0.170						< 0.170		U
All Snomomish Locations	48	23%	0.150	0.170	0.124	0.080	0.075	0.080	0.085	0.620	0.005	E
Puyallup Watershed												
CBA	6	100%	0.150	0.160	0.152	0.140	0.074	0.110	0.150	0.300	0.040	
CBB	6	100%	0.150	0.160	0.245	0.205	0.140	0.180	0.340	0.400	0.160	
RB53	6	0%	0.150	0.170						< 0.170		U
RB209	6	0%	0.150	0.160						< 0.160		U
AG143	6	0%	0.160	0.160						< 0.160		U
AG62	6	0%	0.150	0.160						< 0.160		U
FB130	6	0%	0.160	0.170						< 0.170		U
FB372	6	0%	0.150	0.190						< 0.190		U
All Puyallup CB Locations	12	100%	0.150	0.160	0.199	0.165	0.074	0.135	0.260	0.400	0.125	
All Puyallup RB Locations	12	0%	0.150	0.170						< 0.170		U
All Puyallup AG Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup FB Locations	12	0%	0.150	0.190						< 0.190		U
All Puyallup Locations	48	25%	0.150	0.190	0.110	0.080	0.074	0.080	0.090	0.400	0.010	E
All Monitoring Locations Combined												
All CB Locations	24	96%	0.150	0.170	0.227	0.185	0.074	0.135	0.320	0.620	0.185	
All RB Locations	24	0%	0.150	0.170						< 0.170		U
All AG Locations	24	0%	0.150	0.170						< 0.170		U
All FB Locations	24	0%	0.150	0.190						< 0.190		U
All Locations	96	24%	0.150	0.190	0.117	0.080	0.074	0.080	0.085	0.620	0.005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-90. Summary statistics for carbazole concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.00980	0.00980						< 0.00980		U
CBX	1	0%	0.00970	0.00970						< 0.00970		U
RB111	2	0%	0.00980	0.01100						< 0.01100		U
RB202	2	0%	0.00990	0.00990						< 0.00990		U
AG174	2	0%	0.00980	0.00990						< 0.00990		U
AGG	2	50%	0.00980	0.00990	0.00695	0.00695	0.00490			0.00900		E
FB200	2	0%	0.00990	0.00990						< 0.00990		U
FB203	2	0%	0.00980	0.00980						< 0.00980		U
All Snohomish CB Locations	3	0%	0.00970	0.00980						< 0.00980		U
All Snohomish RB Locations	4	0%	0.00980	0.01100						< 0.01100		U
All Snohomish AG Locations	4	25%	0.00980	0.00990	0.00594	0.00493	0.00490	0.00490	0.00697	0.00900	0.00207	E
All Snohomish FB Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Snomomish Locations	15	7%	0.00970	0.01100	0.00523	0.00490	0.00485	0.00490	0.00495	0.00900	0.00005	E
Puyallup Watershed												
CBA	2	0%	0.00980	0.00980						< 0.00980		U
CBB	1	0%	0.00980	0.00980						< 0.00980		U
RB53	2	0%	0.00980	0.00980						< 0.00980		U
RB209	2	0%	0.00980	0.01100						< 0.01100		U
AG143	2	0%	0.00970	0.01000						< 0.01000		U
AG62	2	0%	0.00970	0.01000						< 0.01000		U
FB130	2	0%	0.00980	0.00990						< 0.00990		U
FB372	2	0%	0.00980	0.00990						< 0.00990		U
All Puyallup CB Locations	3	0%	0.00980	0.00980						< 0.00980		U
All Puyallup RB Locations	4	0%	0.00980	0.01100						< 0.01100		U
All Puyallup AG Locations	4	0%	0.00970	0.01000						< 0.01000		U
All Puyallup FB Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Puyallup Locations	15	0%	0.00970	0.01100						< 0.01100		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.00970	0.00980						< 0.00980		U
All RB Locations	8	0%	0.00980	0.01100						< 0.01100		U
All AG Locations	8	13%	0.00970	0.01000	0.00543	0.00493	0.00485	0.00488	0.00500	0.00900	0.00012	E
All FB Locations	8	0%	0.00980	0.00990						< 0.00990		U
All Locations	30	3%	0.00970	0.01100	0.00509	0.00490	0.00485	0.00490	0.00495	0.00900	0.00005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-90. Summary statistics for carbazole concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	50%	0.00970	0.03600	0.01348	0.01200	0.00485	0.00600	0.01800	0.02800	0.01200	E
CBX	6	17%	0.00970	0.00990	0.00944	0.00495	0.00490	0.00490	0.00495	0.03200	0.00005	E
RB111	6	0%	0.00970	0.01000						< 0.01000		U
RB202	6	0%	0.00970	0.01000						< 0.01000		U
AG174	6	0%	0.00970	0.01800						< 0.01800		U
AGG	6	0%	0.00970	0.00990						< 0.00990		U
FB200	6	0%	0.00970	0.01000						< 0.01000		U
FB203	6	0%	0.00970	0.01000						< 0.01000		U
All Snohomish CB Locations	12	33%	0.00970	0.03600	0.01146	0.00548	0.00485	0.00493	0.01600	0.03200	0.01107	E
All Snohomish RB Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Snohomish AG Locations	12	0%	0.00970	0.01800						< 0.01800		U
All Snohomish FB Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Snomomish Locations	48	8%	0.00970	0.03600	0.00663	0.00490	0.00485	0.00490	0.00497	0.03200	0.00007	E
Puyallup Watershed												
CBA	6	67%	0.00980	0.01000	0.01664	0.01750	0.00490	0.00495	0.02700	0.02800	0.02205	
CBB	6	50%	0.00970	0.01000	0.01482	0.00800	0.00495	0.00495	0.03100	0.03200	0.02605	E
RB53	6	0%	0.00970	0.01000						< 0.01000		U
RB209	6	17%	0.00970	0.01000	0.00712	0.00497	0.00490	0.00490	0.00500	0.01800	0.00010	E
AG143	6	17%	0.00980	0.01000	0.00728	0.00495	0.00490	0.00490	0.00500	0.01900	0.00010	E
AG62	6	17%	0.00970	0.01000	0.00572	0.00493	0.00485	0.00490	0.00500	0.00970	0.00010	E
FB130	6	0%	0.00970	0.01000						< 0.01000		U
FB372	6	17%	0.00970	0.01000	0.00794	0.00495	0.00485	0.00490	0.00500	0.02300	0.00010	E
All Puyallup CB Locations	12	58%	0.00970	0.01000	0.01573	0.01100	0.00490	0.00495	0.02750	0.03200	0.02255	
All Puyallup RB Locations	12	8%	0.00970	0.01000	0.00601	0.00493	0.00485	0.00485	0.00500	0.01800	0.00015	E
All Puyallup AG Locations	12	17%	0.00970	0.01000	0.00650	0.00495	0.00485	0.00490	0.00500	0.01900	0.00010	E
All Puyallup FB Locations	12	8%	0.00970	0.01000	0.00643	0.00495	0.00485	0.00490	0.00497	0.02300	0.00007	E
All Puyallup Locations	48	23%	0.00970	0.01000	0.00867	0.00495	0.00485	0.00490	0.00500	0.03200	0.00010	E
All Monitoring Locations Combined												
All CB Locations	24	46%	0.00970	0.03600	0.01359	0.00800	0.00485	0.00495	0.02550	0.03200	0.02055	E
All RB Locations	24	4%	0.00970	0.01000	0.00546	0.00493	0.00485	0.00485	0.00500	0.01800	0.00015	E
All AG Locations	24	8%	0.00970	0.01800	0.00587	0.00493	0.00485	0.00490	0.00495	0.01900	0.00005	E
All FB Locations	24	4%	0.00970	0.01000	0.00568	0.00490	0.00485	0.00490	0.00497	0.02300	0.00007	E
All Locations	96	16%	0.00970	0.03600	0.00765	0.00495	0.00485	0.00490	0.00500	0.03200	0.00010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-91. Summary statistics for cholesterol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.800	0.800						< 0.800		U
CBX	0											
RB111	1	100%	0.810	0.810		0.620						
RB202	1	100%	0.830	0.830		0.520						
AG174	1	100%	0.810	0.810		0.620						
AGG	1	100%	0.790	0.790		0.650						
FB200	1	0%	0.810	0.810						< 0.810		U
FB203	1	0%	0.840	0.840						< 0.840		U
All Snohomish CB Locations	1	0%	0.800	0.800						< 0.800		U
All Snohomish RB Locations	2	100%	0.810	0.830	0.570	0.570	0.520			0.620		
All Snohomish AG Locations	2	100%	0.790	0.810	0.635	0.635	0.620			0.650		
All Snohomish FB Locations	2	0%	0.810	0.840						< 0.840		U
All Snomomish Locations	7	57%	0.790	0.840	0.519	0.520	0.400	0.409	0.620	0.650	0.211	
Puyallup Watershed												
CBA	1	100%	0.820	0.820		0.740						
CBB	0											
RB53	1	100%	0.820	0.820		0.560						
RB209	1	0%	0.830	0.830						< 0.830		U
AG143	1	100%	0.810	0.810		0.870						
AG62	1	100%	0.820	0.820		1.100						
FB130	1	0%	0.800	0.800						< 0.800		U
FB372	1	0%	0.830	0.830						< 0.830		U
All Puyallup CB Locations	1	100%	0.820	0.820		0.740						
All Puyallup RB Locations	2	50%	0.820	0.830	0.488	0.488	0.415			0.560		E
All Puyallup AG Locations	2	100%	0.810	0.820	0.985	0.985	0.870			1.100		
All Puyallup FB Locations	2	0%	0.800	0.830						< 0.830		U
All Puyallup Locations	7	57%	0.800	0.830	0.643	0.560	0.400	0.415	0.838	1.100	0.423	
All Monitoring Locations Combined												
All CB Locations	2	50%	0.800	0.820	0.570	0.570	0.400			0.740		E
All RB Locations	4	75%	0.810	0.830	0.529	0.540	0.415	0.467	0.590	0.620	0.123	
All AG Locations	4	100%	0.790	0.820	0.810	0.760	0.620	0.635	0.985	1.100	0.350	
All FB Locations	4	0%	0.800	0.840						< 0.840		U
All Locations	14	57%	0.790	0.840	0.581	0.540	0.400	0.415	0.650	1.100	0.235	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-91. Summary statistics for cholesterol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.780	0.840	0.727	0.660	0.170	0.270	1.300	1.300	1.030	
CBX	6	67%	0.760	0.840	0.592	0.507	0.340	0.395	0.700	1.100	0.305	
RB111	6	100%	0.780	0.830	0.593	0.610	0.380	0.430	0.740	0.790	0.310	
RB202	6	83%	0.790	0.810	0.436	0.418	0.150	0.230	0.530	0.870	0.300	
AG174	6	100%	0.810	0.830	0.523	0.490	0.160	0.420	0.670	0.910	0.250	
AGG	6	100%	0.760	0.830	0.692	0.515	0.140	0.430	0.650	1.900	0.220	
FB200	6	33%	0.780	0.830	0.382	0.400	0.260	0.390	0.415	0.430	0.025	E
FB203	6	17%	0.780	0.810	0.386	0.392	0.330	0.390	0.405	0.405	0.015	E
All Snohomish CB Locations	12	83%	0.760	0.840	0.659	0.615	0.170	0.368	0.905	1.300	0.538	
All Snohomish RB Locations	12	92%	0.780	0.830	0.515	0.480	0.150	0.392	0.695	0.870	0.303	
All Snohomish AG Locations	12	100%	0.760	0.830	0.608	0.515	0.140	0.425	0.660	1.900	0.235	
All Snohomish FB Locations	12	25%	0.780	0.830	0.384	0.395	0.260	0.390	0.405	0.430	0.015	E
All Snomomish Locations	48	75%	0.760	0.840	0.541	0.430	0.140	0.390	0.650	1.900	0.260	
Puyallup Watershed												
CBA	6	100%	0.760	0.820	1.137	1.350	0.330	0.590	1.600	1.600	1.010	
CBB	6	100%	0.770	0.820	1.208	1.045	0.190	0.570	1.600	2.800	1.030	
RB53	6	67%	0.770	0.830	0.701	0.555	0.190	0.385	0.720	1.800	0.335	
RB209	6	50%	0.770	0.820	0.637	0.525	0.385	0.385	0.800	1.200	0.415	E
AG143	6	100%	0.780	0.820	1.988	1.825	0.310	0.670	3.500	3.800	2.830	
AG62	6	100%	0.760	0.820	1.193	1.075	0.300	0.710	1.900	2.100	1.190	
FB130	6	50%	0.780	0.830	0.701	0.457	0.395	0.395	1.200	1.300	0.805	E
FB372	6	83%	0.770	0.930	0.835	0.775	0.150	0.410	1.200	1.700	0.790	
All Puyallup CB Locations	12	100%	0.760	0.820	1.173	1.150	0.190	0.580	1.600	2.800	1.020	
All Puyallup RB Locations	12	58%	0.770	0.830	0.669	0.530	0.190	0.385	0.760	1.800	0.375	
All Puyallup AG Locations	12	100%	0.760	0.820	1.591	1.125	0.300	0.690	2.450	3.800	1.760	
All Puyallup FB Locations	12	67%	0.770	0.930	0.768	0.545	0.150	0.403	1.200	1.700	0.798	
All Puyallup Locations	48	81%	0.760	0.930	1.050	0.735	0.150	0.398	1.450	3.800	1.053	
All Monitoring Locations Combined												
All CB Locations	24	92%	0.760	0.840	0.916	0.705	0.170	0.395	1.300	2.800	0.905	
All RB Locations	24	75%	0.770	0.830	0.592	0.480	0.150	0.385	0.730	1.800	0.345	
All AG Locations	24	100%	0.760	0.830	1.099	0.670	0.140	0.430	1.650	3.800	1.220	
All FB Locations	24	46%	0.770	0.930	0.576	0.405	0.150	0.392	0.545	1.700	0.153	E
All Locations	96	78%	0.760	0.930	0.796	0.560	0.140	0.395	0.975	3.800	0.580	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-92. Summary statistics for dibenzofuran concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.00980	0.00980						< 0.00980		U
CBX	1	0%	0.00970	0.00970						< 0.00970		U
RB111	2	0%	0.00980	0.01100						< 0.01100		U
RB202	2	0%	0.00990	0.00990						< 0.00990		U
AG174	2	0%	0.00980	0.00990						< 0.00990		U
AGG	2	0%	0.00980	0.00990						< 0.00990		U
FB200	2	0%	0.00990	0.00990						< 0.00990		U
FB203	2	0%	0.00980	0.00980						< 0.00980		U
All Snohomish CB Locations	3	0%	0.00970	0.00980						< 0.00980		U
All Snohomish RB Locations	4	0%	0.00980	0.01100						< 0.01100		U
All Snohomish AG Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Snohomish FB Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Snohomish Locations	15	0%	0.00970	0.01100						< 0.01100		U
Puyallup Watershed												
CBA	2	0%	0.00980	0.00980						< 0.00980		U
CBB	1	0%	0.00980	0.00980						< 0.00980		U
RB53	2	0%	0.00980	0.00980						< 0.00980		U
RB209	2	0%	0.00980	0.01100						< 0.01100		U
AG143	2	0%	0.00970	0.01000						< 0.01000		U
AG62	2	0%	0.00970	0.01000						< 0.01000		U
FB130	2	0%	0.00980	0.00990						< 0.00990		U
FB372	2	0%	0.00980	0.00990						< 0.00990		U
All Puyallup CB Locations	3	0%	0.00980	0.00980						< 0.00980		U
All Puyallup RB Locations	4	0%	0.00980	0.01100						< 0.01100		U
All Puyallup AG Locations	4	0%	0.00970	0.01000						< 0.01000		U
All Puyallup FB Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Puyallup Locations	15	0%	0.00970	0.01100						< 0.01100		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.00970	0.00980						< 0.00980		U
All RB Locations	8	0%	0.00980	0.01100						< 0.01100		U
All AG Locations	8	0%	0.00970	0.01000						< 0.01000		U
All FB Locations	8	0%	0.00980	0.00990						< 0.00990		U
All Locations	30	0%	0.00970	0.01100						< 0.01100		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-92. Summary statistics for dibenzofuran concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.00970	0.01200						< 0.01200		U
CBX	6	0%	0.00970	0.00990						< 0.00990		U
RB111	6	0%	0.00970	0.01000						< 0.01000		U
RB202	6	17%	0.00970	0.01000	0.00573	0.00495	0.00485	0.00490	0.00500	0.00970	0.00010	E
AG174	6	0%	0.00970	0.00990						< 0.00990		U
AGG	6	0%	0.00970	0.00990						< 0.00990		U
FB200	6	0%	0.00970	0.01000						< 0.01000		U
FB203	6	0%	0.00970	0.01000						< 0.01000		U
All Snohomish CB Locations	12	0%	0.00970	0.01200						< 0.01200		U
All Snohomish RB Locations	12	8%	0.00970	0.01000	0.00532	0.00495	0.00485	0.00488	0.00497	0.00970	0.00010	E
All Snohomish AG Locations	12	0%	0.00970	0.00990						< 0.00990		U
All Snohomish FB Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Snomomish Locations	48	2%	0.00970	0.01200	0.00504	0.00490	0.00485	0.00490	0.00495	0.00970	0.00005	E
Puyallup Watershed												
CBA	6	0%	0.00980	0.01000						< 0.01000		U
CBB	6	0%	0.00970	0.01000						< 0.01000		U
RB53	6	0%	0.00970	0.01000						< 0.01000		U
RB209	6	0%	0.00970	0.01000						< 0.01000		U
AG143	6	0%	0.00980	0.01000						< 0.01000		U
AG62	6	0%	0.00970	0.01000						< 0.01000		U
FB130	6	0%	0.00970	0.01000						< 0.01000		U
FB372	6	0%	0.00970	0.01000						< 0.01000		U
All Puyallup CB Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Puyallup RB Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Puyallup AG Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Puyallup FB Locations	12	0%	0.00970	0.01000						< 0.01000		U
All Puyallup Locations	48	0%	0.00970	0.01000						< 0.01000		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.00970	0.01200						< 0.01200		U
All RB Locations	24	4%	0.00970	0.01000	0.00512	0.00493	0.00485	0.00485	0.00500	0.00970	0.00015	E
All AG Locations	24	0%	0.00970	0.01000						< 0.01000		U
All FB Locations	24	0%	0.00970	0.01000						< 0.01000		U
All Locations	96	1%	0.00970	0.01200	0.00498	0.00493	0.00485	0.00490	0.00495	0.00970	0.00005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-93. Summary statistics for ethanol, 2-chloro-, phosphate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-93. Summary statistics for ethanol, 2-chloro-, phosphate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	0.0790	0.0830	0.1467	0.1400	0.0900	0.1025	0.1925	0.2100	0.0900	
CBX	3	67%	0.0790	0.0810	0.0835	0.0900	0.0405	0.0529	0.1125	0.1200	0.0596	
RB111	3	67%	0.0780	0.0830	0.0650	0.0600	0.0390	0.0443	0.0870	0.0960	0.0428	
RB202	3	67%	0.0790	0.0800	0.0728	0.0800	0.0395	0.0496	0.0943	0.0990	0.0446	
AG174	3	0%	0.0800	0.0830						< 0.0830		U
AGG	3	67%	0.0760	0.0800	0.0693	0.0700	0.0380	0.0460	0.0925	0.1000	0.0465	
FB200	3	67%	0.0780	0.0800	0.0647	0.0600	0.0390	0.0443	0.0862	0.0950	0.0420	
FB203	3	0%	0.0780	0.0800						< 0.0800		U
All Snohomish CB Locations	6	83%	0.0790	0.0830	0.1151	0.1050	0.0405	0.0900	0.1400	0.2100	0.0500	
All Snohomish RB Locations	6	67%	0.0780	0.0830	0.0689	0.0700	0.0390	0.0395	0.0960	0.0990	0.0565	
All Snohomish AG Locations	6	33%	0.0760	0.0830	0.0550	0.0410	0.0380	0.0400	0.0700	0.1000	0.0300	E
All Snohomish FB Locations	6	33%	0.0780	0.0800	0.0521	0.0398	0.0390	0.0390	0.0600	0.0950	0.0210	E
All Snomomish Locations	24	54%	0.0760	0.0830	0.0728	0.0600	0.0380	0.0398	0.0955	0.2100	0.0558	
Puyallup Watershed												
CBA	2	50%	0.0790	0.0800	0.0648	0.0648	0.0395			0.0900		E
CBB	2	50%	0.0770	0.0800	0.1343	0.1343	0.0385			0.2300		E
RB53	2	0%	0.0800	0.0800						< 0.0800		U
RB209	2	0%	0.0770	0.0800						< 0.0800		U
AG143	2	50%	0.0780	0.0800	0.0595	0.0595	0.0390			0.0800		E
AG62	2	50%	0.0780	0.0800	0.0545	0.0545	0.0390			0.0700		E
FB130	2	50%	0.0790	0.0800	0.0548	0.0548	0.0395			0.0700		E
FB372	2	50%	0.0810	0.0900	0.0553	0.0553	0.0405			0.0700		E
All Puyallup CB Locations	4	50%	0.0770	0.0800	0.0995	0.0648	0.0385	0.0390	0.1600	0.2300	0.1210	E
All Puyallup RB Locations	4	0%	0.0770	0.0800						< 0.0800		U
All Puyallup AG Locations	4	50%	0.0780	0.0800	0.0570	0.0545	0.0390	0.0390	0.0750	0.0800	0.0360	E
All Puyallup FB Locations	4	50%	0.0790	0.0900	0.0550	0.0553	0.0395	0.0400	0.0700	0.0700	0.0300	E
All Puyallup Locations	16	38%	0.0770	0.0900	0.0628	0.0400	0.0385	0.0393	0.0700	0.2300	0.0308	E
All Monitoring Locations Combined												
All CB Locations	10	70%	0.0770	0.0830	0.1088	0.0900	0.0385	0.0405	0.1400	0.2300	0.0995	
All RB Locations	10	40%	0.0770	0.0830	0.0572	0.0400	0.0385	0.0395	0.0800	0.0990	0.0405	E
All AG Locations	10	40%	0.0760	0.0830	0.0558	0.0410	0.0380	0.0390	0.0700	0.1000	0.0310	E
All FB Locations	10	40%	0.0780	0.0900	0.0532	0.0402	0.0390	0.0395	0.0700	0.0950	0.0305	E
All Locations	40	47%	0.0760	0.0900	0.0688	0.0410	0.0380	0.0395	0.0900	0.2300	0.0505	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-94. Summary statistics for hexachlorobutadiene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.0800						< 0.0800		U
CBX	1	0%	0.0810	0.0810						< 0.0810		U
RB111	2	0%	0.0770	0.0810						< 0.0810		U
RB202	2	0%	0.0830	0.0830						< 0.0830		U
AG174	2	0%	0.0810	0.0810						< 0.0810		U
AGG	2	0%	0.0790	0.0830						< 0.0830		U
FB200	2	0%	0.0760	0.0810						< 0.0810		U
FB203	2	0%	0.0780	0.0840						< 0.0840		U
All Snohomish CB Locations	3	0%	0.0790	0.0810						< 0.0810		U
All Snohomish RB Locations	4	0%	0.0770	0.0830						< 0.0830		U
All Snohomish AG Locations	4	0%	0.0790	0.0830						< 0.0830		U
All Snohomish FB Locations	4	0%	0.0760	0.0840						< 0.0840		U
All Snohomish Locations	15	0%	0.0760	0.0840						< 0.0840		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.0820						< 0.0820		U
CBB	1	0%	0.0760	0.0760						< 0.0760		U
RB53	2	0%	0.0820	0.0830						< 0.0830		U
RB209	2	0%	0.0800	0.0830						< 0.0830		U
AG143	2	0%	0.0810	0.0810						< 0.0810		U
AG62	2	0%	0.0810	0.0820						< 0.0820		U
FB130	2	0%	0.0760	0.0800						< 0.0800		U
FB372	2	0%	0.0790	0.0830						< 0.0830		U
All Puyallup CB Locations	3	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	4	0%	0.0800	0.0830						< 0.0830		U
All Puyallup AG Locations	4	0%	0.0810	0.0820						< 0.0820		U
All Puyallup FB Locations	4	0%	0.0760	0.0830						< 0.0830		U
All Puyallup Locations	15	0%	0.0760	0.0830						< 0.0830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.0820						< 0.0820		U
All RB Locations	8	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	8	0%	0.0790	0.0830						< 0.0830		U
All FB Locations	8	0%	0.0760	0.0840						< 0.0840		U
All Locations	30	0%	0.0760	0.0840						< 0.0840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-94. Summary statistics for hexachlorobutadiene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.0830						< 0.0830		U
CBX	6	0%	0.0760	0.0810						< 0.0810		U
RB111	6	0%	0.0780	0.0830						< 0.0830		U
RB202	6	0%	0.0790	0.0810						< 0.0810		U
AG174	6	0%	0.0800	0.0830						< 0.0830		U
AGG	6	0%	0.0760	0.0800						< 0.0800		U
FB200	6	0%	0.0780	0.0830						< 0.0830		U
FB203	6	0%	0.0780	0.0810						< 0.0810		U
All Snohomish CB Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish RB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish AG Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish FB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snomomish Locations	48	0%	0.0760	0.0830						< 0.0830		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.0820						< 0.0820		U
CBB	6	0%	0.0770	0.0820						< 0.0820		U
RB53	6	0%	0.0770	0.0820						< 0.0820		U
RB209	6	0%	0.0770	0.0810						< 0.0810		U
AG143	6	0%	0.0780	0.0820						< 0.0820		U
AG62	6	0%	0.0760	0.0820						< 0.0820		U
FB130	6	0%	0.0790	0.0830						< 0.0830		U
FB372	6	0%	0.0770	0.0900						< 0.0900		U
All Puyallup CB Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	12	0%	0.0770	0.0820						< 0.0820		U
All Puyallup AG Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup FB Locations	12	0%	0.0770	0.0900						< 0.0900		U
All Puyallup Locations	48	0%	0.0760	0.0900						< 0.0900		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.0830						< 0.0830		U
All RB Locations	24	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	24	0%	0.0760	0.0830						< 0.0830		U
All FB Locations	24	0%	0.0770	0.0900						< 0.0900		U
All Locations	96	0%	0.0760	0.0900						< 0.0900		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-95. Summary statistics for hexachlorocyclopentadiene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.320						< 0.320		U
CBX	1	0%	0.320	0.320						< 0.320		U
RB111	2	0%	0.310	0.320						< 0.320		U
RB202	2	0%	0.330	0.330						< 0.330		U
AG174	2	0%	0.320	0.320						< 0.320		U
AGG	2	0%	0.320	0.330						< 0.330		U
FB200	2	0%	0.310	0.320						< 0.320		U
FB203	2	0%	0.310	0.340						< 0.340		U
All Snohomish CB Locations	3	0%	0.320	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.340						< 0.340		U
All Snomomish Locations	15	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.330	0.330						< 0.330		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	2	0%	0.330	0.330						< 0.330		U
RB209	2	0%	0.320	0.330						< 0.330		U
AG143	2	0%	0.320	0.330						< 0.330		U
AG62	2	0%	0.330	0.330						< 0.330		U
FB130	2	0%	0.310	0.320						< 0.320		U
FB372	2	0%	0.320	0.330						< 0.330		U
All Puyallup CB Locations	3	0%	0.310	0.330						< 0.330		U
All Puyallup RB Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup AG Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup FB Locations	4	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	15	0%	0.310	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	8	0%	0.310	0.330						< 0.330		U
All AG Locations	8	0%	0.320	0.330						< 0.330		U
All FB Locations	8	0%	0.310	0.340						< 0.340		U
All Locations	30	0%	0.310	0.340						< 0.340		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-95. Summary statistics for hexachlorocyclopentadiene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.310	0.340						< 0.340		U
CBX	6	0%	0.310	0.340						< 0.340		U
RB111	6	0%	0.310	0.330						< 0.330		U
RB202	6	0%	0.320	0.330						< 0.330		U
AG174	6	0%	0.320	0.330						< 0.330		U
AGG	6	0%	0.310	0.330						< 0.330		U
FB200	6	0%	0.310	0.330						< 0.330		U
FB203	6	0%	0.310	0.330						< 0.330		U
All Snohomish CB Locations	12	0%	0.310	0.340						< 0.340		U
All Snohomish RB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish FB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish Locations	48	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	6	0%	0.300	0.790						< 0.790		U
CBB	6	0%	0.310	0.790						< 0.790		U
RB53	6	0%	0.320	0.810						< 0.810		U
RB209	6	0%	0.310	0.780						< 0.780		U
AG143	6	0%	0.310	0.790						< 0.790		U
AG62	6	0%	0.310	0.810						< 0.810		U
FB130	6	0%	0.310	0.800						< 0.800		U
FB372	6	0%	0.320	0.790						< 0.790		U
All Puyallup CB Locations	12	0%	0.300	0.790						< 0.790		U
All Puyallup RB Locations	12	0%	0.310	0.810						< 0.810		U
All Puyallup AG Locations	12	0%	0.310	0.810						< 0.810		U
All Puyallup FB Locations	12	0%	0.310	0.800						< 0.800		U
All Puyallup Locations	48	0%	0.300	0.810						< 0.810		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.300	0.790						< 0.790		U
All RB Locations	24	0%	0.310	0.810						< 0.810		U
All AG Locations	24	0%	0.310	0.810						< 0.810		U
All FB Locations	24	0%	0.310	0.800						< 0.800		U
All Locations	96	0%	0.300	0.810						< 0.810		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-96. Summary statistics for hexachloroethane concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.0800						< 0.0800		U
CBX	1	0%	0.0810	0.0810						< 0.0810		U
RB111	2	0%	0.0770	0.0810						< 0.0810		U
RB202	2	0%	0.0830	0.0830						< 0.0830		U
AG174	2	0%	0.0810	0.0810						< 0.0810		U
AGG	2	0%	0.0790	0.0830						< 0.0830		U
FB200	2	0%	0.0760	0.0810						< 0.0810		U
FB203	2	0%	0.0780	0.0840						< 0.0840		U
All Snohomish CB Locations	3	0%	0.0790	0.0810						< 0.0810		U
All Snohomish RB Locations	4	0%	0.0770	0.0830						< 0.0830		U
All Snohomish AG Locations	4	0%	0.0790	0.0830						< 0.0830		U
All Snohomish FB Locations	4	0%	0.0760	0.0840						< 0.0840		U
All Snomomish Locations	15	0%	0.0760	0.0840						< 0.0840		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.0820						< 0.0820		U
CBB	1	0%	0.0760	0.0760						< 0.0760		U
RB53	2	0%	0.0820	0.0830						< 0.0830		U
RB209	2	0%	0.0800	0.0830						< 0.0830		U
AG143	2	0%	0.0810	0.0810						< 0.0810		U
AG62	2	0%	0.0810	0.0820						< 0.0820		U
FB130	2	0%	0.0760	0.0800						< 0.0800		U
FB372	2	0%	0.0790	0.0830						< 0.0830		U
All Puyallup CB Locations	3	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	4	0%	0.0800	0.0830						< 0.0830		U
All Puyallup AG Locations	4	0%	0.0810	0.0820						< 0.0820		U
All Puyallup FB Locations	4	0%	0.0760	0.0830						< 0.0830		U
All Puyallup Locations	15	0%	0.0760	0.0830						< 0.0830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.0820						< 0.0820		U
All RB Locations	8	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	8	0%	0.0790	0.0830						< 0.0830		U
All FB Locations	8	0%	0.0760	0.0840						< 0.0840		U
All Locations	30	0%	0.0760	0.0840						< 0.0840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-96. Summary statistics for hexachloroethane concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.0830						< 0.0830		U
CBX	6	0%	0.0760	0.0810						< 0.0810		U
RB111	6	0%	0.0780	0.3200						< 0.3200		U
RB202	6	0%	0.0790	0.0810						< 0.0810		U
AG174	6	0%	0.0800	0.0830						< 0.0830		U
AGG	6	0%	0.0760	0.0800						< 0.0800		U
FB200	6	0%	0.0780	0.0830						< 0.0830		U
FB203	6	0%	0.0780	0.0810						< 0.0810		U
All Snohomish CB Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish RB Locations	12	0%	0.0780	0.3200						< 0.3200		U
All Snohomish AG Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish FB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish Locations	48	0%	0.0760	0.3200						< 0.3200		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.0820						< 0.0820		U
CBB	6	0%	0.0770	0.0820						< 0.0820		U
RB53	6	0%	0.0770	0.0820						< 0.0820		U
RB209	6	0%	0.0770	0.0810						< 0.0810		U
AG143	6	0%	0.0780	0.0820						< 0.0820		U
AG62	6	0%	0.0760	0.0820						< 0.0820		U
FB130	6	0%	0.0790	0.0830						< 0.0830		U
FB372	6	0%	0.0770	0.0900						< 0.0900		U
All Puyallup CB Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	12	0%	0.0770	0.0820						< 0.0820		U
All Puyallup AG Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup FB Locations	12	0%	0.0770	0.0900						< 0.0900		U
All Puyallup Locations	48	0%	0.0760	0.0900						< 0.0900		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.0830						< 0.0830		U
All RB Locations	24	0%	0.0770	0.3200						< 0.3200		U
All AG Locations	24	0%	0.0760	0.0830						< 0.0830		U
All FB Locations	24	0%	0.0770	0.0900						< 0.0900		U
All Locations	96	0%	0.0760	0.3200						< 0.3200		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-97. Summary statistics for isophorone concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.160	0.160						< 0.160		U
CBX	1	0%	0.160	0.160						< 0.160		U
RB111	2	0%	0.150	0.160						< 0.160		U
RB202	2	0%	0.170	0.170						< 0.170		U
AG174	2	0%	0.160	0.160						< 0.160		U
AGG	2	0%	0.160	0.170						< 0.170		U
FB200	2	0%	0.150	0.160						< 0.160		U
FB203	2	0%	0.160	0.170						< 0.170		U
All Snohomish CB Locations	3	0%	0.160	0.160						< 0.160		U
All Snohomish RB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish AG Locations	4	0%	0.160	0.170						< 0.170		U
All Snohomish FB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish Locations	15	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	2	0%	0.160	0.160						< 0.160		U
CBB	1	0%	0.150	0.150						< 0.150		U
RB53	2	0%	0.160	0.170						< 0.170		U
RB209	2	0%	0.160	0.170						< 0.170		U
AG143	2	0%	0.160	0.160						< 0.160		U
AG62	2	0%	0.160	0.160						< 0.160		U
FB130	2	0%	0.150	0.160						< 0.160		U
FB372	2	0%	0.160	0.170						< 0.170		U
All Puyallup CB Locations	3	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	4	0%	0.160	0.170						< 0.170		U
All Puyallup AG Locations	4	0%	0.160	0.160						< 0.160		U
All Puyallup FB Locations	4	0%	0.150	0.170						< 0.170		U
All Puyallup Locations	15	0%	0.150	0.170						< 0.170		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.150	0.160						< 0.160		U
All RB Locations	8	0%	0.150	0.170						< 0.170		U
All AG Locations	8	0%	0.160	0.170						< 0.170		U
All FB Locations	8	0%	0.150	0.170						< 0.170		U
All Locations	30	0%	0.150	0.170						< 0.170		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-97. Summary statistics for isophorone concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.160	0.170						< 0.170		U
CBX	6	0%	0.150	0.170						< 0.170		U
RB111	6	0%	0.160	0.170						< 0.170		U
RB202	6	0%	0.160	0.160						< 0.160		U
AG174	6	0%	0.160	0.170						< 0.170		U
AGG	6	0%	0.150	0.170						< 0.170		U
FB200	6	0%	0.160	0.170						< 0.170		U
FB203	6	0%	0.160	0.160						< 0.160		U
All Snohomish CB Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish RB Locations	12	0%	0.160	0.170						< 0.170		U
All Snohomish AG Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish FB Locations	12	0%	0.160	0.170						< 0.170		U
All Snomomish Locations	48	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	6	0%	0.150	0.160						< 0.160		U
CBB	6	0%	0.150	0.160						< 0.160		U
RB53	6	0%	0.150	0.170						< 0.170		U
RB209	6	0%	0.150	0.160						< 0.160		U
AG143	6	0%	0.160	0.160						< 0.160		U
AG62	6	0%	0.150	0.160						< 0.160		U
FB130	6	0%	0.160	0.170						< 0.170		U
FB372	6	0%	0.150	0.190						< 0.190		U
All Puyallup CB Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	12	0%	0.150	0.170						< 0.170		U
All Puyallup AG Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup FB Locations	12	0%	0.150	0.190						< 0.190		U
All Puyallup Locations	48	0%	0.150	0.190						< 0.190		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.150	0.170						< 0.170		U
All RB Locations	24	0%	0.150	0.170						< 0.170		U
All AG Locations	24	0%	0.150	0.170						< 0.170		U
All FB Locations	24	0%	0.150	0.190						< 0.190		U
All Locations	96	0%	0.150	0.190						< 0.190		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-98. Summary statistics for m-nitroaniline concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.320						< 0.320		U
CBX	1	0%	0.320	0.320						< 0.320		U
RB111	2	0%	0.310	0.320						< 0.320		U
RB202	2	0%	0.330	0.330						< 0.330		U
AG174	2	0%	0.320	0.320						< 0.320		U
AGG	2	0%	0.320	0.330						< 0.330		U
FB200	2	0%	0.310	0.320						< 0.320		U
FB203	2	0%	0.310	0.340						< 0.340		U
All Snohomish CB Locations	3	0%	0.320	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.340						< 0.340		U
All Snomomish Locations	15	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.330	0.330						< 0.330		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	2	0%	0.330	0.330						< 0.330		U
RB209	2	0%	0.320	0.330						< 0.330		U
AG143	2	0%	0.320	0.330						< 0.330		U
AG62	2	0%	0.330	0.330						< 0.330		U
FB130	2	0%	0.310	0.320						< 0.320		U
FB372	2	0%	0.320	0.330						< 0.330		U
All Puyallup CB Locations	3	0%	0.310	0.330						< 0.330		U
All Puyallup RB Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup AG Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup FB Locations	4	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	15	0%	0.310	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	8	0%	0.310	0.330						< 0.330		U
All AG Locations	8	0%	0.320	0.330						< 0.330		U
All FB Locations	8	0%	0.310	0.340						< 0.340		U
All Locations	30	0%	0.310	0.340						< 0.340		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-98. Summary statistics for m-nitroaniline concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	0.320	0.340						< 0.340		U
CBX	3	0%	0.320	0.330						< 0.330		U
RB111	3	0%	0.310	0.330						< 0.330		U
RB202	3	0%	0.320	0.320						< 0.320		U
AG174	3	0%	0.320	0.330						< 0.330		U
AGG	3	0%	0.310	0.320						< 0.320		U
FB200	3	0%	0.310	0.320						< 0.320		U
FB203	3	0%	0.310	0.320						< 0.320		U
All Snohomish CB Locations	6	0%	0.320	0.340						< 0.340		U
All Snohomish RB Locations	6	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	6	0%	0.310	0.330						< 0.330		U
All Snohomish FB Locations	6	0%	0.310	0.320						< 0.320		U
All Snomomish Locations	24	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.300	0.320						< 0.320		U
CBB	4	0%	0.310	0.320						< 0.320		U
RB53	4	0%	0.310	0.320						< 0.320		U
RB209	4	0%	0.310	0.310						< 0.310		U
AG143	4	0%	0.310	0.320						< 0.320		U
AG62	4	0%	0.310	0.330						< 0.330		U
FB130	4	0%	0.310	0.320						< 0.320		U
FB372	4	0%	0.310	0.330						< 0.330		U
All Puyallup CB Locations	6	0%	0.300	0.320						< 0.320		U
All Puyallup RB Locations	8	0%	0.310	0.320						< 0.320		U
All Puyallup AG Locations	8	0%	0.310	0.330						< 0.330		U
All Puyallup FB Locations	8	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	30	0%	0.300	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	12	0%	0.300	0.340						< 0.340		U
All RB Locations	14	0%	0.310	0.330						< 0.330		U
All AG Locations	14	0%	0.310	0.330						< 0.330		U
All FB Locations	14	0%	0.310	0.330						< 0.330		U
All Locations	54	0%	0.300	0.340						< 0.340		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-99. Summary statistics for nitrobenzene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.0800						< 0.0800		U
CBX	1	0%	0.0810	0.0810						< 0.0810		U
RB111	2	0%	0.0770	0.0810						< 0.0810		U
RB202	2	0%	0.0830	0.0830						< 0.0830		U
AG174	2	0%	0.0810	0.0810						< 0.0810		U
AGG	2	0%	0.0790	0.0830						< 0.0830		U
FB200	2	0%	0.0760	0.0810						< 0.0810		U
FB203	2	0%	0.0780	0.0840						< 0.0840		U
All Snohomish CB Locations	3	0%	0.0790	0.0810						< 0.0810		U
All Snohomish RB Locations	4	0%	0.0770	0.0830						< 0.0830		U
All Snohomish AG Locations	4	0%	0.0790	0.0830						< 0.0830		U
All Snohomish FB Locations	4	0%	0.0760	0.0840						< 0.0840		U
All Snomomish Locations	15	0%	0.0760	0.0840						< 0.0840		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.0820						< 0.0820		U
CBB	1	0%	0.0760	0.0760						< 0.0760		U
RB53	2	0%	0.0820	0.0830						< 0.0830		U
RB209	2	0%	0.0800	0.0830						< 0.0830		U
AG143	2	0%	0.0810	0.0810						< 0.0810		U
AG62	2	0%	0.0810	0.0820						< 0.0820		U
FB130	2	0%	0.0760	0.0800						< 0.0800		U
FB372	2	0%	0.0790	0.0830						< 0.0830		U
All Puyallup CB Locations	3	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	4	0%	0.0800	0.0830						< 0.0830		U
All Puyallup AG Locations	4	0%	0.0810	0.0820						< 0.0820		U
All Puyallup FB Locations	4	0%	0.0760	0.0830						< 0.0830		U
All Puyallup Locations	15	0%	0.0760	0.0830						< 0.0830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.0820						< 0.0820		U
All RB Locations	8	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	8	0%	0.0790	0.0830						< 0.0830		U
All FB Locations	8	0%	0.0760	0.0840						< 0.0840		U
All Locations	30	0%	0.0760	0.0840						< 0.0840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-99. Summary statistics for nitrobenzene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.0830						< 0.0830		U
CBX	6	0%	0.0760	0.0810						< 0.0810		U
RB111	6	0%	0.0780	0.0830						< 0.0830		U
RB202	6	0%	0.0790	0.0810						< 0.0810		U
AG174	6	0%	0.0800	0.0830						< 0.0830		U
AGG	6	0%	0.0760	0.0800						< 0.0800		U
FB200	6	0%	0.0780	0.0830						< 0.0830		U
FB203	6	0%	0.0780	0.0810						< 0.0810		U
All Snohomish CB Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish RB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish AG Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish FB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish Locations	48	0%	0.0760	0.0830						< 0.0830		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.0820						< 0.0820		U
CBB	6	0%	0.0770	0.0820						< 0.0820		U
RB53	6	0%	0.0770	0.0820						< 0.0820		U
RB209	6	0%	0.0770	0.0810						< 0.0810		U
AG143	6	0%	0.0780	0.0820						< 0.0820		U
AG62	6	0%	0.0760	0.0820						< 0.0820		U
FB130	6	0%	0.0790	0.0830						< 0.0830		U
FB372	6	0%	0.0770	0.0900						< 0.0900		U
All Puyallup CB Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	12	0%	0.0770	0.0820						< 0.0820		U
All Puyallup AG Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup FB Locations	12	0%	0.0770	0.0900						< 0.0900		U
All Puyallup Locations	48	0%	0.0760	0.0900						< 0.0900		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.0830						< 0.0830		U
All RB Locations	24	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	24	0%	0.0760	0.0830						< 0.0830		U
All FB Locations	24	0%	0.0770	0.0900						< 0.0900		U
All Locations	96	0%	0.0760	0.0900						< 0.0900		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-100. Summary statistics for n-nitrosodimethylamine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-100. Summary statistics for n-nitrosodimethylamine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.330						< 0.330		U
CBX	2	0%	0.320	0.330						< 0.330		U
RB111	2	0%	0.320	0.330						< 0.330		U
RB202	2	0%	0.320	0.320						< 0.320		U
AG174	2	0%	0.330	0.330						< 0.330		U
AGG	2	0%	0.320	0.320						< 0.320		U
FB200	2	0%	0.320	0.320						< 0.320		U
FB203	2	0%	0.310	0.320						< 0.320		U
All Snohomish CB Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish RB Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.320						< 0.320		U
All Snomomish Locations	16	0%	0.310	0.330						< 0.330		U
Puyallup Watershed												
CBA	1	0%	0.320	0.320						< 0.320		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	1	0%	0.320	0.320						< 0.320		U
RB209	1	0%	0.310	0.310						< 0.310		U
AG143	1	0%	0.310	0.310						< 0.310		U
AG62	1	0%	0.310	0.310						< 0.310		U
FB130	1	0%	0.320	0.320						< 0.320		U
FB372	1	0%	0.330	0.330						< 0.330		U
All Puyallup CB Locations	2	0%	0.310	0.320						< 0.320		U
All Puyallup RB Locations	2	0%	0.310	0.320						< 0.320		U
All Puyallup AG Locations	2	0%	0.310	0.310						< 0.310		U
All Puyallup FB Locations	2	0%	0.320	0.330						< 0.330		U
All Puyallup Locations	8	0%	0.310	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	6	0%	0.310	0.330						< 0.330		U
All AG Locations	6	0%	0.310	0.330						< 0.330		U
All FB Locations	6	0%	0.310	0.330						< 0.330		U
All Locations	24	0%	0.310	0.330						< 0.330		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-101. Summary statistics for n-nitrosodi-n-propylamine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0950	0.0960						< 0.0960		U
CBX	1	0%	0.0970	0.0970						< 0.0970		U
RB111	2	0%	0.0920	0.0970						< 0.0970		U
RB202	2	0%	0.0990	0.1000						< 0.1000		U
AG174	2	0%	0.0970	0.0970						< 0.0970		U
AGG	2	0%	0.0950	0.1000						< 0.1000		U
FB200	2	0%	0.0920	0.0970						< 0.0970		U
FB203	2	0%	0.0940	0.1000						< 0.1000		U
All Snohomish CB Locations	3	0%	0.0950	0.0970						< 0.0970		U
All Snohomish RB Locations	4	0%	0.0920	0.1000						< 0.1000		U
All Snohomish AG Locations	4	0%	0.0950	0.1000						< 0.1000		U
All Snohomish FB Locations	4	0%	0.0920	0.1000						< 0.1000		U
All Snomomish Locations	15	0%	0.0920	0.1000						< 0.1000		U
Puyallup Watershed												
CBA	2	0%	0.0980	0.0980						< 0.0980		U
CBB	1	0%	0.0920	0.0920						< 0.0920		U
RB53	2	0%	0.0980	0.0990						< 0.0990		U
RB209	2	0%	0.0960	0.1000						< 0.1000		U
AG143	2	0%	0.0970	0.0980						< 0.0980		U
AG62	2	0%	0.0980	0.0980						< 0.0980		U
FB130	2	0%	0.0920	0.0960						< 0.0960		U
FB372	2	0%	0.0950	0.1000						< 0.1000		U
All Puyallup CB Locations	3	0%	0.0920	0.0980						< 0.0980		U
All Puyallup RB Locations	4	0%	0.0960	0.1000						< 0.1000		U
All Puyallup AG Locations	4	0%	0.0970	0.0980						< 0.0980		U
All Puyallup FB Locations	4	0%	0.0920	0.1000						< 0.1000		U
All Puyallup Locations	15	0%	0.0920	0.1000						< 0.1000		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0920	0.0980						< 0.0980		U
All RB Locations	8	0%	0.0920	0.1000						< 0.1000		U
All AG Locations	8	0%	0.0950	0.1000						< 0.1000		U
All FB Locations	8	0%	0.0920	0.1000						< 0.1000		U
All Locations	30	0%	0.0920	0.1000						< 0.1000		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-101. Summary statistics for n-nitrosodi-n-propylamine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0940	0.1000						< 0.1000		U
CBX	6	0%	0.0920	0.1000						< 0.1000		U
RB111	6	0%	0.0900	0.1000						< 0.1000		U
RB202	6	0%	0.0950	0.1000						< 0.1000		U
AG174	6	0%	0.0970	0.1000						< 0.1000		U
AGG	6	0%	0.0920	0.1000						< 0.1000		U
FB200	6	0%	0.0940	0.1000						< 0.1000		U
FB203	6	0%	0.0900	0.1000						< 0.1000		U
All Snohomish CB Locations	12	0%	0.0920	0.1000						< 0.1000		U
All Snohomish RB Locations	12	0%	0.0900	0.1000						< 0.1000		U
All Snohomish AG Locations	12	0%	0.0920	0.1000						< 0.1000		U
All Snohomish FB Locations	12	0%	0.0900	0.1000						< 0.1000		U
All Snomomish Locations	48	0%	0.0900	0.1000						< 0.1000		U
Puyallup Watershed												
CBA	6	0%	0.0900	0.0980						< 0.0980		U
CBB	6	0%	0.0900	0.1000						< 0.1000		U
RB53	6	0%	0.0920	0.1000						< 0.1000		U
RB209	6	0%	0.0900	0.1000						< 0.1000		U
AG143	6	0%	0.0940	0.1000						< 0.1000		U
AG62	6	0%	0.0900	0.1000						< 0.1000		U
FB130	6	0%	0.0900	0.0990						< 0.0990		U
FB372	6	0%	0.0920	0.1100						< 0.1100		U
All Puyallup CB Locations	12	0%	0.0900	0.1000						< 0.1000		U
All Puyallup RB Locations	12	0%	0.0900	0.1000						< 0.1000		U
All Puyallup AG Locations	12	0%	0.0900	0.1000						< 0.1000		U
All Puyallup FB Locations	12	0%	0.0900	0.1100						< 0.1100		U
All Puyallup Locations	48	0%	0.0900	0.1100						< 0.1100		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0900	0.1000						< 0.1000		U
All RB Locations	24	0%	0.0900	0.1000						< 0.1000		U
All AG Locations	24	0%	0.0900	0.1000						< 0.1000		U
All FB Locations	24	0%	0.0900	0.1100						< 0.1100		U
All Locations	96	0%	0.0900	0.1100						< 0.1100		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-102. Summary statistics for n-nitrosodiphenylamine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	0.160	0.160						< 0.160		U
CBX	0											
RB111	1	0%	0.160	0.160						< 0.160		U
RB202	1	0%	0.170	0.170						< 0.170		U
AG174	1	0%	0.160	0.160						< 0.160		U
AGG	1	0%	0.160	0.160						< 0.160		U
FB200	1	0%	0.160	0.160						< 0.160		U
FB203	1	0%	0.170	0.170						< 0.170		U
All Snohomish CB Locations	1	0%	0.160	0.160						< 0.160		U
All Snohomish RB Locations	2	0%	0.160	0.170						< 0.170		U
All Snohomish AG Locations	2	0%	0.160	0.160						< 0.160		U
All Snohomish FB Locations	2	0%	0.160	0.170						< 0.170		U
All Snomomish Locations	7	0%	0.160	0.170						< 0.170		U
Puyallup Watershed												
CBA	1	0%	0.160	0.160						< 0.160		U
CBB	0											
RB53	1	0%	0.160	0.160						< 0.160		U
RB209	1	0%	0.170	0.170						< 0.170		U
AG143	1	0%	0.160	0.160						< 0.160		U
AG62	1	0%	0.160	0.160						< 0.160		U
FB130	1	0%	0.160	0.160						< 0.160		U
FB372	1	0%	0.170	0.170						< 0.170		U
All Puyallup CB Locations	1	0%	0.160	0.160						< 0.160		U
All Puyallup RB Locations	2	0%	0.160	0.170						< 0.170		U
All Puyallup AG Locations	2	0%	0.160	0.160						< 0.160		U
All Puyallup FB Locations	2	0%	0.160	0.170						< 0.170		U
All Puyallup Locations	7	0%	0.160	0.170						< 0.170		U
All Monitoring Locations Combined												
All CB Locations	2	0%	0.160	0.160						< 0.160		U
All RB Locations	4	0%	0.160	0.170						< 0.170		U
All AG Locations	4	0%	0.160	0.160						< 0.160		U
All FB Locations	4	0%	0.160	0.170						< 0.170		U
All Locations	14	0%	0.160	0.170						< 0.170		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-102. Summary statistics for n-nitrosodiphenylamine concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	5	0%	0.160	0.170						< 0.170		U
CBX	5	0%	0.150	0.170						< 0.170		U
RB111	5	0%	0.160	0.170						< 0.170		U
RB202	5	0%	0.160	0.160						< 0.160		U
AG174	5	0%	0.160	0.170						< 0.170		U
AGG	5	0%	0.150	0.160						< 0.160		U
FB200	5	0%	0.160	0.170						< 0.170		U
FB203	5	0%	0.160	0.160						< 0.160		U
All Snohomish CB Locations	10	0%	0.150	0.170						< 0.170		U
All Snohomish RB Locations	10	0%	0.160	0.170						< 0.170		U
All Snohomish AG Locations	10	0%	0.150	0.170						< 0.170		U
All Snohomish FB Locations	10	0%	0.160	0.170						< 0.170		U
All Snohomish Locations	40	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	5	20%	0.150	0.160	0.069	0.080	0.030	0.064	0.080	0.080	0.016	E
CBB	5	0%	0.150	0.160						< 0.160		U
RB53	5	0%	0.150	0.160						< 0.160		U
RB209	5	0%	0.150	0.160						< 0.160		U
AG143	5	0%	0.160	0.160						< 0.160		U
AG62	5	0%	0.150	0.160						< 0.160		U
FB130	5	0%	0.160	0.170						< 0.170		U
FB372	5	0%	0.150	0.160						< 0.160		U
All Puyallup CB Locations	10	10%	0.150	0.160	0.073	0.080	0.030	0.075	0.080	0.080	0.005	E
All Puyallup RB Locations	10	0%	0.150	0.160						< 0.160		U
All Puyallup AG Locations	10	0%	0.150	0.160						< 0.160		U
All Puyallup FB Locations	10	0%	0.150	0.170						< 0.170		U
All Puyallup Locations	40	3%	0.150	0.170	0.078	0.080	0.030	0.078	0.080	0.085	0.002	E
All Monitoring Locations Combined												
All CB Locations	20	5%	0.150	0.170	0.077	0.080	0.030	0.078	0.080	0.085	0.002	E
All RB Locations	20	0%	0.150	0.170						< 0.170		U
All AG Locations	20	0%	0.150	0.170						< 0.170		U
All FB Locations	20	0%	0.150	0.170						< 0.170		U
All Locations	80	1%	0.150	0.170	0.079	0.080	0.030	0.080	0.080	0.085	0.000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-103. Summary statistics for p-cresol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.790	0.800						< 0.800		U
CBX	1	0%	0.810	0.810						< 0.810		U
RB111	2	0%	0.770	0.810						< 0.810		U
RB202	2	0%	0.830	0.830						< 0.830		U
AG174	2	0%	0.810	0.810						< 0.810		U
AGG	2	0%	0.790	0.830						< 0.830		U
FB200	2	0%	0.760	0.810						< 0.810		U
FB203	2	0%	0.780	0.840						< 0.840		U
All Snohomish CB Locations	3	0%	0.790	0.810						< 0.810		U
All Snohomish RB Locations	4	0%	0.770	0.830						< 0.830		U
All Snohomish AG Locations	4	0%	0.790	0.830						< 0.830		U
All Snohomish FB Locations	4	0%	0.760	0.840						< 0.840		U
All Snohomish Locations	15	0%	0.760	0.840						< 0.840		U
Puyallup Watershed												
CBA	2	0%	0.810	0.820						< 0.820		U
CBB	1	0%	0.760	0.760						< 0.760		U
RB53	2	0%	0.820	0.830						< 0.830		U
RB209	2	0%	0.800	0.830						< 0.830		U
AG143	2	50%	0.810	0.810	0.287	0.287	0.170			0.405		E
AG62	2	0%	0.810	0.820						< 0.820		U
FB130	2	0%	0.760	0.800						< 0.800		U
FB372	2	0%	0.790	0.830						< 0.830		U
All Puyallup CB Locations	3	0%	0.760	0.820						< 0.820		U
All Puyallup RB Locations	4	0%	0.800	0.830						< 0.830		U
All Puyallup AG Locations	4	25%	0.810	0.820	0.347	0.405	0.170	0.287	0.407	0.410	0.120	E
All Puyallup FB Locations	4	0%	0.760	0.830						< 0.830		U
All Puyallup Locations	15	7%	0.760	0.830	0.388	0.405	0.170	0.396	0.410	0.415	0.014	E
All Monitoring Locations Combined												
All CB Locations	6	0%	0.760	0.820						< 0.820		U
All RB Locations	8	0%	0.770	0.830						< 0.830		U
All AG Locations	8	13%	0.790	0.830	0.376	0.405	0.170	0.400	0.407	0.415	0.007	E
All FB Locations	8	0%	0.760	0.840						< 0.840		U
All Locations	30	3%	0.760	0.840	0.395	0.405	0.170	0.395	0.410	0.420	0.015	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-103. Summary statistics for p-cresol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.780	0.840						< 0.840		U
CBX	6	17%	0.760	0.840	0.346	0.400	0.060	0.380	0.415	0.420	0.035	E
RB111	6	0%	0.780	0.830						< 0.830		U
RB202	6	0%	0.790	0.810						< 0.810		U
AG174	6	0%	0.810	0.830						< 0.830		U
AGG	6	0%	0.760	0.830						< 0.830		U
FB200	6	0%	0.780	0.830						< 0.830		U
FB203	6	0%	0.780	0.810						< 0.810		U
All Snohomish CB Locations	12	8%	0.760	0.840	0.374	0.395	0.060	0.392	0.415	0.420	0.023	E
All Snohomish RB Locations	12	0%	0.780	0.830						< 0.830		U
All Snohomish AG Locations	12	0%	0.760	0.830						< 0.830		U
All Snohomish FB Locations	12	0%	0.780	0.830						< 0.830		U
All Snomomish Locations	48	2%	0.760	0.840	0.394	0.400	0.060	0.395	0.407	0.420	0.013	E
Puyallup Watershed												
CBA	6	17%	0.760	0.820	0.352	0.387	0.150	0.380	0.395	0.410	0.015	E
CBB	6	17%	0.770	0.820	0.383	0.387	0.330	0.385	0.395	0.410	0.010	E
RB53	6	17%	0.770	0.830	0.343	0.403	0.042	0.385	0.410	0.415	0.025	E
RB209	6	0%	0.770	0.820						< 0.820		U
AG143	6	0%	0.780	0.820						< 0.820		U
AG62	6	17%	0.760	0.820	0.338	0.387	0.060	0.380	0.405	0.410	0.025	E
FB130	6	0%	0.780	0.830						< 0.830		U
FB372	6	17%	0.770	0.930	0.350	0.395	0.048	0.385	0.410	0.465	0.025	E
All Puyallup CB Locations	12	17%	0.760	0.820	0.367	0.387	0.150	0.380	0.395	0.410	0.015	E
All Puyallup RB Locations	12	8%	0.770	0.830	0.368	0.395	0.042	0.385	0.407	0.415	0.023	E
All Puyallup AG Locations	12	8%	0.760	0.820	0.367	0.392	0.060	0.387	0.403	0.410	0.015	E
All Puyallup FB Locations	12	8%	0.770	0.930	0.374	0.395	0.048	0.392	0.405	0.465	0.013	E
All Puyallup Locations	48	10%	0.760	0.930	0.369	0.395	0.042	0.385	0.405	0.465	0.020	E
All Monitoring Locations Combined												
All CB Locations	24	13%	0.760	0.840	0.370	0.395	0.060	0.382	0.407	0.420	0.025	E
All RB Locations	24	4%	0.770	0.830	0.384	0.395	0.042	0.390	0.405	0.415	0.015	E
All AG Locations	24	4%	0.760	0.830	0.386	0.400	0.060	0.390	0.410	0.415	0.020	E
All FB Locations	24	4%	0.770	0.930	0.386	0.395	0.048	0.390	0.405	0.465	0.015	E
All Locations	96	6%	0.760	0.930	0.382	0.395	0.042	0.390	0.405	0.465	0.015	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-104. Summary statistics for pentachlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0610	0.0610						< 0.0610		U
CBX	1	100%	0.0600	0.0600		0.0230						
RB111	2	0%	0.0610	0.0650						< 0.0650		U
RB202	2	100%	0.0620	0.0620	0.0160	0.0160	0.0160			0.0160		
AG174	2	100%	0.0610	0.0610	0.0340	0.0340	0.0290			0.0390		
AGG	2	100%	0.0610	0.0610	0.0185	0.0185	0.0150			0.0220		
FB200	2	0%	0.0610	0.0610						< 0.0610		U
FB203	2	0%	0.0610	0.0610						< 0.0610		U
All Snohomish CB Locations	3	33%	0.0600	0.0610	0.0280	0.0305	0.0230	0.0249	0.0305	0.0305	0.0056	E
All Snohomish RB Locations	4	50%	0.0610	0.0650	0.0237	0.0233	0.0160	0.0160	0.0315	0.0325	0.0155	E
All Snohomish AG Locations	4	100%	0.0610	0.0610	0.0263	0.0255	0.0150	0.0185	0.0340	0.0390	0.0155	
All Snohomish FB Locations	4	0%	0.0610	0.0610						< 0.0610		U
All Snomomish Locations	15	47%	0.0600	0.0650	0.0271	0.0305	0.0150	0.0223	0.0305	0.0390	0.0082	E
Puyallup Watershed												
CBA	2	50%	0.0610	0.0620	0.0237	0.0237	0.0170			0.0305		E
CBB	1	0%	0.0610	0.0610						< 0.0610		U
RB53	2	50%	0.0600	0.0620	0.0225	0.0225	0.0150			0.0300		E
RB209	2	0%	0.0610	0.0640						< 0.0640		U
AG143	2	50%	0.0610	0.0640	0.0318	0.0318	0.0305			0.0330		E
AG62	2	50%	0.0620	0.0620	0.0275	0.0275	0.0240			0.0310		E
FB130	2	0%	0.0610	0.0620						< 0.0620		U
FB372	2	0%	0.0600	0.0620						< 0.0620		U
All Puyallup CB Locations	3	33%	0.0610	0.0620	0.0260	0.0305	0.0170	0.0204	0.0305	0.0305	0.0101	E
All Puyallup RB Locations	4	25%	0.0600	0.0640	0.0269	0.0302	0.0150	0.0225	0.0312	0.0320	0.0088	E
All Puyallup AG Locations	4	50%	0.0610	0.0640	0.0296	0.0307	0.0240	0.0272	0.0320	0.0330	0.0047	E
All Puyallup FB Locations	4	0%	0.0600	0.0620						< 0.0620		U
All Puyallup Locations	15	27%	0.0600	0.0640	0.0284	0.0305	0.0150	0.0300	0.0310	0.0330	0.0010	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.0600	0.0620	0.0270	0.0305	0.0170	0.0230	0.0305	0.0305	0.0075	E
All RB Locations	8	38%	0.0600	0.0650	0.0253	0.0302	0.0150	0.0160	0.0312	0.0325	0.0153	E
All AG Locations	8	75%	0.0610	0.0640	0.0279	0.0298	0.0150	0.0230	0.0320	0.0390	0.0090	
All FB Locations	8	0%	0.0600	0.0620						< 0.0620		U
All Locations	30	37%	0.0600	0.0650	0.0278	0.0305	0.0150	0.0240	0.0305	0.0390	0.0065	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-104. Summary statistics for pentachlorophenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	100%	0.0620	0.0710	0.0288	0.0285	0.0230	0.0270	0.0330	0.0330	0.0060	
CBX	6	83%	0.0610	0.0640	0.0527	0.0530	0.0310	0.0400	0.0570	0.0820	0.0170	
RB111	6	33%	0.0600	0.0650	0.0270	0.0305	0.0180	0.0190	0.0315	0.0325	0.0125	E
RB202	6	100%	0.0600	0.0650	0.0387	0.0380	0.0250	0.0260	0.0520	0.0530	0.0260	
AG174	6	100%	0.0610	0.0640	0.0333	0.0280	0.0250	0.0270	0.0460	0.0460	0.0190	
AGG	6	83%	0.0600	0.0640	0.0332	0.0265	0.0110	0.0180	0.0370	0.0800	0.0190	
FB200	6	0%	0.0600	0.0640						< 0.0640		U
FB203	6	33%	0.0610	0.0640	0.0269	0.0307	0.0180	0.0190	0.0310	0.0320	0.0120	E
All Snohomish CB Locations	12	92%	0.0610	0.0710	0.0408	0.0330	0.0230	0.0285	0.0530	0.0820	0.0245	
All Snohomish RB Locations	12	67%	0.0600	0.0650	0.0328	0.0312	0.0180	0.0255	0.0380	0.0530	0.0125	
All Snohomish AG Locations	12	92%	0.0600	0.0640	0.0333	0.0280	0.0110	0.0240	0.0415	0.0800	0.0175	
All Snohomish FB Locations	12	17%	0.0600	0.0640	0.0290	0.0310	0.0180	0.0302	0.0315	0.0320	0.0012	E
All Snomomish Locations	48	67%	0.0600	0.0710	0.0340	0.0310	0.0110	0.0270	0.0350	0.0820	0.0080	
Puyallup Watershed												
CBA	6	67%	0.0600	0.0650	0.0279	0.0305	0.0140	0.0280	0.0320	0.0325	0.0040	
CBB	6	100%	0.0600	0.0640	0.0380	0.0365	0.0280	0.0310	0.0480	0.0480	0.0170	
RB53	6	50%	0.0610	0.0640	0.0318	0.0307	0.0160	0.0230	0.0315	0.0590	0.0085	E
RB209	6	17%	0.0610	0.0640	0.0277	0.0307	0.0110	0.0305	0.0315	0.0315	0.0010	E
AG143	6	100%	0.0610	0.0620	0.0688	0.0435	0.0310	0.0350	0.1100	0.1500	0.0750	
AG62	6	100%	0.0610	0.0630	0.1097	0.0575	0.0250	0.0290	0.0690	0.4200	0.0400	
FB130	6	0%	0.0610	0.0620						< 0.0620		U
FB372	6	0%	0.0610	0.0640						< 0.0640		U
All Puyallup CB Locations	12	83%	0.0600	0.0650	0.0330	0.0315	0.0140	0.0290	0.0365	0.0480	0.0075	
All Puyallup RB Locations	12	33%	0.0610	0.0640	0.0297	0.0307	0.0110	0.0268	0.0315	0.0590	0.0047	E
All Puyallup AG Locations	12	100%	0.0610	0.0630	0.0892	0.0505	0.0250	0.0330	0.0895	0.4200	0.0565	
All Puyallup FB Locations	12	0%	0.0610	0.0640						< 0.0640		U
All Puyallup Locations	48	54%	0.0600	0.0650	0.0457	0.0310	0.0110	0.0305	0.0365	0.4200	0.0060	
All Monitoring Locations Combined												
All CB Locations	24	88%	0.0600	0.0710	0.0369	0.0323	0.0140	0.0285	0.0440	0.0820	0.0155	
All RB Locations	24	50%	0.0600	0.0650	0.0313	0.0310	0.0110	0.0255	0.0320	0.0590	0.0065	E
All AG Locations	24	96%	0.0600	0.0640	0.0612	0.0360	0.0110	0.0275	0.0575	0.4200	0.0300	
All FB Locations	24	8%	0.0600	0.0640	0.0299	0.0310	0.0180	0.0305	0.0312	0.0320	0.0008	E
All Locations	96	60%	0.0600	0.0710	0.0398	0.0310	0.0110	0.0290	0.0365	0.4200	0.0075	

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-105. Summary statistics for phenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.320						< 0.320		U
CBX	1	0%	0.320	0.320						< 0.320		U
RB111	2	0%	0.310	0.320						< 0.320		U
RB202	2	0%	0.330	0.330						< 0.330		U
AG174	2	0%	0.320	0.320						< 0.320		U
AGG	2	0%	0.320	0.330						< 0.330		U
FB200	2	0%	0.310	0.320						< 0.320		U
FB203	2	0%	0.310	0.340						< 0.340		U
All Snohomish CB Locations	3	0%	0.320	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.340						< 0.340		U
All Snomomish Locations	15	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.330	0.330						< 0.330		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	2	0%	0.330	0.330						< 0.330		U
RB209	2	0%	0.320	0.330						< 0.330		U
AG143	2	0%	0.320	0.330						< 0.330		U
AG62	2	0%	0.330	0.330						< 0.330		U
FB130	2	0%	0.310	0.320						< 0.320		U
FB372	2	0%	0.320	0.330						< 0.330		U
All Puyallup CB Locations	3	0%	0.310	0.330						< 0.330		U
All Puyallup RB Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup AG Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup FB Locations	4	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	15	0%	0.310	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	8	0%	0.310	0.330						< 0.330		U
All AG Locations	8	0%	0.320	0.330						< 0.330		U
All FB Locations	8	0%	0.310	0.340						< 0.340		U
All Locations	30	0%	0.310	0.340						< 0.340		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-105. Summary statistics for phenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	33%	0.310	0.340	0.151	0.162	0.030	0.160	0.170	0.220	0.010	E
CBX	6	17%	0.310	0.340	0.172	0.162	0.155	0.160	0.170	0.220	0.010	E
RB111	6	0%	0.310	0.330						< 0.330		U
RB202	6	0%	0.320	0.330						< 0.330		U
AG174	6	17%	0.320	0.330	0.171	0.165	0.165	0.165	0.165	0.200	0.000	E
AGG	6	17%	0.310	0.330	0.166	0.160	0.160	0.160	0.165	0.190	0.005	E
FB200	6	0%	0.310	0.330						< 0.330		U
FB203	6	0%	0.310	0.330						< 0.330		U
All Snohomish CB Locations	12	25%	0.310	0.340	0.161	0.162	0.030	0.160	0.170	0.220	0.010	E
All Snohomish RB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	12	17%	0.310	0.330	0.168	0.165	0.160	0.160	0.165	0.200	0.005	E
All Snohomish FB Locations	12	0%	0.310	0.330						< 0.330		U
All Snomomish Locations	48	10%	0.310	0.340	0.162	0.160	0.030	0.160	0.165	0.220	0.005	E
Puyallup Watershed												
CBA	6	17%	0.300	0.330	0.142	0.155	0.070	0.150	0.160	0.165	0.010	E
CBB	6	17%	0.310	0.330	0.157	0.155	0.150	0.155	0.160	0.165	0.005	E
RB53	6	17%	0.310	0.330	0.138	0.160	0.030	0.155	0.160	0.165	0.005	E
RB209	6	0%	0.310	0.330						< 0.330		U
AG143	6	0%	0.310	0.330						< 0.330		U
AG62	6	17%	0.310	0.330	0.138	0.155	0.030	0.155	0.165	0.165	0.010	E
FB130	6	0%	0.310	0.330						< 0.330		U
FB372	6	0%	0.310	0.370						< 0.370		U
All Puyallup CB Locations	12	17%	0.300	0.330	0.150	0.155	0.070	0.153	0.160	0.165	0.007	E
All Puyallup RB Locations	12	8%	0.310	0.330	0.148	0.157	0.030	0.155	0.162	0.165	0.007	E
All Puyallup AG Locations	12	8%	0.310	0.330	0.148	0.157	0.030	0.155	0.162	0.165	0.007	E
All Puyallup FB Locations	12	0%	0.310	0.370						< 0.370		U
All Puyallup Locations	48	8%	0.300	0.370	0.152	0.160	0.030	0.155	0.162	0.185	0.007	E
All Monitoring Locations Combined												
All CB Locations	24	21%	0.300	0.340	0.155	0.160	0.030	0.155	0.165	0.220	0.010	E
All RB Locations	24	4%	0.310	0.330	0.155	0.160	0.030	0.155	0.162	0.165	0.007	E
All AG Locations	24	13%	0.310	0.330	0.158	0.160	0.030	0.157	0.165	0.200	0.007	E
All FB Locations	24	0%	0.310	0.370						< 0.370		U
All Locations	96	9%	0.300	0.370	0.157	0.160	0.030	0.155	0.165	0.220	0.010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-106. Summary statistics for nonylphenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.320						< 0.320		U
CBX	1	0%	0.320	0.320						< 0.320		U
RB111	2	0%	0.310	0.320						< 0.320		U
RB202	2	0%	0.330	0.330						< 0.330		U
AG174	2	0%	0.320	0.320						< 0.320		U
AGG	2	0%	0.320	0.330						< 0.330		U
FB200	2	0%	0.310	0.320						< 0.320		U
FB203	2	0%	0.310	0.340						< 0.340		U
All Snohomish CB Locations	3	0%	0.320	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.340						< 0.340		U
All Snomomish Locations	15	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.330	0.330						< 0.330		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	2	0%	0.330	0.330						< 0.330		U
RB209	2	0%	0.320	0.330						< 0.330		U
AG143	2	0%	0.320	0.330						< 0.330		U
AG62	2	0%	0.330	0.330						< 0.330		U
FB130	2	0%	0.310	0.320						< 0.320		U
FB372	2	0%	0.320	0.330						< 0.330		U
All Puyallup CB Locations	3	0%	0.310	0.330						< 0.330		U
All Puyallup RB Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup AG Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup FB Locations	4	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	15	0%	0.310	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	8	0%	0.310	0.330						< 0.330		U
All AG Locations	8	0%	0.320	0.330						< 0.330		U
All FB Locations	8	0%	0.310	0.340						< 0.340		U
All Locations	30	0%	0.310	0.340						< 0.340		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-106. Summary statistics for nonylphenol concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.310	0.340	0.147	0.160	0.080	0.155	0.160	0.165	0.005	E
CBX	6	0%	0.310	0.340						< 0.340		U
RB111	6	0%	0.310	0.330						< 0.330		U
RB202	6	0%	0.320	0.330						< 0.330		U
AG174	6	0%	0.320	0.330						< 0.330		U
AGG	6	0%	0.310	0.330						< 0.330		U
FB200	6	0%	0.310	0.330						< 0.330		U
FB203	6	0%	0.310	0.330						< 0.330		U
All Snohomish CB Locations	12	8%	0.310	0.340	0.155	0.160	0.080	0.157	0.165	0.170	0.007	E
All Snohomish RB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish FB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish Locations	48	2%	0.310	0.340	0.159	0.160	0.080	0.160	0.165	0.170	0.005	E
Puyallup Watershed												
CBA	6	0%	0.300	0.330						< 0.330		U
CBB	6	0%	0.310	0.330						< 0.330		U
RB53	6	0%	0.310	0.330						< 0.330		U
RB209	6	0%	0.310	0.330						< 0.330		U
AG143	6	0%	0.310	0.330						< 0.330		U
AG62	6	0%	0.310	0.330						< 0.330		U
FB130	6	0%	0.310	0.330						< 0.330		U
FB372	6	0%	0.310	0.370						< 0.370		U
All Puyallup CB Locations	12	0%	0.300	0.330						< 0.330		U
All Puyallup RB Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup AG Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup FB Locations	12	0%	0.310	0.370						< 0.370		U
All Puyallup Locations	48	0%	0.300	0.370						< 0.370		U
All Monitoring Locations Combined												
All CB Locations	24	4%	0.300	0.340	0.156	0.160	0.080	0.155	0.162	0.170	0.007	E
All RB Locations	24	0%	0.310	0.330						< 0.330		U
All AG Locations	24	0%	0.310	0.330						< 0.330		U
All FB Locations	24	0%	0.310	0.370						< 0.370		U
All Locations	96	1%	0.300	0.370	0.159	0.160	0.080	0.155	0.165	0.185	0.010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-107. Summary statistics for retene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.00980	0.00980						< 0.00980		U
CBX	1	0%	0.00970	0.00970						< 0.00970		U
RB111	2	0%	0.00980	0.01100						< 0.01100		U
RB202	2	0%	0.00990	0.00990						< 0.00990		U
AG174	2	0%	0.00980	0.00990						< 0.00990		U
AGG	2	0%	0.00980	0.00990						< 0.00990		U
FB200	2	0%	0.00990	0.00990						< 0.00990		U
FB203	2	0%	0.00980	0.00980						< 0.00980		U
All Snohomish CB Locations	3	0%	0.00970	0.00980						< 0.00980		U
All Snohomish RB Locations	4	0%	0.00980	0.01100						< 0.01100		U
All Snohomish AG Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Snohomish FB Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Snomomish Locations	15	0%	0.00970	0.01100						< 0.01100		U
Puyallup Watershed												
CBA	2	0%	0.00980	0.00980						< 0.00980		U
CBB	1	0%	0.00980	0.00980						< 0.00980		U
RB53	2	0%	0.00980	0.00980						< 0.00980		U
RB209	2	0%	0.00980	0.01100						< 0.01100		U
AG143	2	0%	0.00970	0.01000						< 0.01000		U
AG62	2	0%	0.00970	0.01000						< 0.01000		U
FB130	2	0%	0.00980	0.00990						< 0.00990		U
FB372	2	0%	0.00980	0.00990						< 0.00990		U
All Puyallup CB Locations	3	0%	0.00980	0.00980						< 0.00980		U
All Puyallup RB Locations	4	0%	0.00980	0.01100						< 0.01100		U
All Puyallup AG Locations	4	0%	0.00970	0.01000						< 0.01000		U
All Puyallup FB Locations	4	0%	0.00980	0.00990						< 0.00990		U
All Puyallup Locations	15	0%	0.00970	0.01100						< 0.01100		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.00970	0.00980						< 0.00980		U
All RB Locations	8	0%	0.00980	0.01100						< 0.01100		U
All AG Locations	8	0%	0.00970	0.01000						< 0.01000		U
All FB Locations	8	0%	0.00980	0.00990						< 0.00990		U
All Locations	30	0%	0.00970	0.01100						< 0.01100		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-107. Summary statistics for retene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.00970	0.01200	0.00757	0.00690	0.00600	0.00600	0.00960	0.01000	0.00360	
CBX	6	83%	0.00970	0.00990	0.00981	0.00955	0.00495	0.00780	0.01100	0.01600	0.00320	
RB111	6	50%	0.00970	0.01000	0.00509	0.00490	0.00100	0.00485	0.00670	0.00820	0.00185	E
RB202	6	33%	0.00970	0.01000	0.00545	0.00497	0.00485	0.00490	0.00610	0.00690	0.00120	E
AG174	6	50%	0.00970	0.00990	0.00599	0.00485	0.00280	0.00485	0.00860	0.01000	0.00375	E
AGG	6	0%	0.00970	0.00990						< 0.00990		U
FB200	6	0%	0.00970	0.01000						< 0.01000		U
FB203	6	33%	0.00970	0.01000	0.00728	0.00495	0.00485	0.00490	0.01100	0.01300	0.00610	E
All Snohomish CB Locations	12	83%	0.00970	0.01200	0.00869	0.00845	0.00495	0.00625	0.01000	0.01600	0.00375	
All Snohomish RB Locations	12	42%	0.00970	0.01000	0.00527	0.00495	0.00100	0.00485	0.00640	0.00820	0.00155	E
All Snohomish AG Locations	12	25%	0.00970	0.00990	0.00545	0.00490	0.00280	0.00485	0.00495	0.01000	0.00010	E
All Snohomish FB Locations	12	17%	0.00970	0.01000	0.00610	0.00490	0.00485	0.00490	0.00500	0.01300	0.00010	E
All Snomomish Locations	48	42%	0.00970	0.01200	0.00638	0.00495	0.00100	0.00490	0.00755	0.01600	0.00265	E
Puyallup Watershed												
CBA	6	67%	0.00980	0.01000	0.00873	0.00745	0.00460	0.00490	0.01100	0.01700	0.00610	
CBB	6	17%	0.00970	0.01000	0.00611	0.00495	0.00485	0.00490	0.00500	0.01200	0.00010	E
RB53	6	50%	0.00970	0.01000	0.00772	0.00493	0.00160	0.00485	0.01400	0.01600	0.00915	E
RB209	6	67%	0.00970	0.01000	0.00920	0.00670	0.00485	0.00495	0.01600	0.01600	0.01105	
AG143	6	17%	0.00980	0.01000	0.00456	0.00493	0.00270	0.00490	0.00495	0.00495	0.00005	E
AG62	6	0%	0.00970	0.01000						< 0.01000		U
FB130	6	67%	0.00970	0.01000	0.01613	0.01450	0.00485	0.00495	0.01700	0.04100	0.01205	
FB372	6	50%	0.00970	0.01000	0.01180	0.00497	0.00390	0.00495	0.02600	0.02600	0.02105	E
All Puyallup CB Locations	12	42%	0.00970	0.01000	0.00742	0.00497	0.00460	0.00490	0.01045	0.01700	0.00555	E
All Puyallup RB Locations	12	58%	0.00970	0.01000	0.00846	0.00515	0.00160	0.00485	0.01500	0.01600	0.01015	
All Puyallup AG Locations	12	8%	0.00970	0.01000	0.00473	0.00490	0.00270	0.00488	0.00495	0.00500	0.00007	E
All Puyallup FB Locations	12	58%	0.00970	0.01000	0.01397	0.00950	0.00390	0.00495	0.02150	0.04100	0.01655	
All Puyallup Locations	48	42%	0.00970	0.01000	0.00864	0.00495	0.00160	0.00490	0.01150	0.04100	0.00660	E
All Monitoring Locations Combined												
All CB Locations	24	63%	0.00970	0.01200	0.00805	0.00690	0.00460	0.00495	0.01000	0.01700	0.00505	
All RB Locations	24	50%	0.00970	0.01000	0.00686	0.00497	0.00100	0.00485	0.00750	0.01600	0.00265	E
All AG Locations	24	17%	0.00970	0.01000	0.00509	0.00490	0.00270	0.00485	0.00495	0.01000	0.00010	E
All FB Locations	24	38%	0.00970	0.01000	0.01003	0.00497	0.00390	0.00490	0.01350	0.04100	0.00860	E
All Locations	96	42%	0.00970	0.01200	0.00751	0.00495	0.00100	0.00490	0.00840	0.04100	0.00350	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-108. Summary statistics for triclosan concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.0800						< 0.0800		U
CBX	1	0%	0.0810	0.0810						< 0.0810		U
RB111	2	0%	0.0770	0.0810						< 0.0810		U
RB202	2	0%	0.0830	0.0830						< 0.0830		U
AG174	2	0%	0.0810	0.0810						< 0.0810		U
AGG	2	0%	0.0790	0.0830						< 0.0830		U
FB200	2	0%	0.0760	0.0810						< 0.0810		U
FB203	2	0%	0.0780	0.0840						< 0.0840		U
All Snohomish CB Locations	3	0%	0.0790	0.0810						< 0.0810		U
All Snohomish RB Locations	4	0%	0.0770	0.0830						< 0.0830		U
All Snohomish AG Locations	4	0%	0.0790	0.0830						< 0.0830		U
All Snohomish FB Locations	4	0%	0.0760	0.0840						< 0.0840		U
All Snomomish Locations	15	0%	0.0760	0.0840						< 0.0840		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.0820						< 0.0820		U
CBB	1	0%	0.0760	0.0760						< 0.0760		U
RB53	2	0%	0.0820	0.0830						< 0.0830		U
RB209	2	0%	0.0800	0.0830						< 0.0830		U
AG143	2	0%	0.0810	0.0810						< 0.0810		U
AG62	2	0%	0.0810	0.0820						< 0.0820		U
FB130	2	0%	0.0760	0.0800						< 0.0800		U
FB372	2	0%	0.0790	0.0830						< 0.0830		U
All Puyallup CB Locations	3	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	4	0%	0.0800	0.0830						< 0.0830		U
All Puyallup AG Locations	4	0%	0.0810	0.0820						< 0.0820		U
All Puyallup FB Locations	4	0%	0.0760	0.0830						< 0.0830		U
All Puyallup Locations	15	0%	0.0760	0.0830						< 0.0830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.0820						< 0.0820		U
All RB Locations	8	0%	0.0770	0.0830						< 0.0830		U
All AG Locations	8	0%	0.0790	0.0830						< 0.0830		U
All FB Locations	8	0%	0.0760	0.0840						< 0.0840		U
All Locations	30	0%	0.0760	0.0840						< 0.0840		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-108. Summary statistics for triclosan concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.0830						< 0.0830		U
CBX	6	0%	0.0760	0.0810						< 0.0810		U
RB111	6	0%	0.0780	0.0830						< 0.0830		U
RB202	6	0%	0.0790	0.0810						< 0.0810		U
AG174	6	0%	0.0800	0.0830						< 0.0830		U
AGG	6	0%	0.0760	0.0800						< 0.0800		U
FB200	6	0%	0.0780	0.0830						< 0.0830		U
FB203	6	0%	0.0780	0.0810						< 0.0810		U
All Snohomish CB Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish RB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snohomish AG Locations	12	0%	0.0760	0.0830						< 0.0830		U
All Snohomish FB Locations	12	0%	0.0780	0.0830						< 0.0830		U
All Snomomish Locations	48	0%	0.0760	0.0830						< 0.0830		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.0820						< 0.0820		U
CBB	6	0%	0.0770	0.0820						< 0.0820		U
RB53	6	0%	0.0770	0.0820						< 0.0820		U
RB209	6	17%	0.0770	0.0810	0.0394	0.0395	0.0385	0.0385	0.0400	0.0405	0.0015	E
AG143	6	0%	0.0780	0.0820						< 0.0820		U
AG62	6	0%	0.0760	0.0820						< 0.0820		U
FB130	6	0%	0.0790	0.0830						< 0.0830		U
FB372	6	0%	0.0770	0.0900						< 0.0900		U
All Puyallup CB Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup RB Locations	12	8%	0.0770	0.0820	0.0397	0.0400	0.0385	0.0388	0.0402	0.0410	0.0015	E
All Puyallup AG Locations	12	0%	0.0760	0.0820						< 0.0820		U
All Puyallup FB Locations	12	0%	0.0770	0.0900						< 0.0900		U
All Puyallup Locations	48	2%	0.0760	0.0900	0.0399	0.0400	0.0380	0.0393	0.0402	0.0450	0.0010	E
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.0830						< 0.0830		U
All RB Locations	24	4%	0.0770	0.0830	0.0398	0.0400	0.0385	0.0395	0.0400	0.0415	0.0005	E
All AG Locations	24	0%	0.0760	0.0830						< 0.0830		U
All FB Locations	24	0%	0.0770	0.0900						< 0.0900		U
All Locations	96	1%	0.0760	0.0900	0.0399	0.0400	0.0380	0.0395	0.0400	0.0450	0.0005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-109. Summary statistics for triethyl citrate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.320						< 0.320		U
CBX	1	0%	0.320	0.320						< 0.320		U
RB111	2	0%	0.310	0.320						< 0.320		U
RB202	2	0%	0.330	0.330						< 0.330		U
AG174	2	0%	0.320	0.320						< 0.320		U
AGG	2	0%	0.320	0.330						< 0.330		U
FB200	2	0%	0.310	0.320						< 0.320		U
FB203	2	0%	0.310	0.340						< 0.340		U
All Snohomish CB Locations	3	0%	0.320	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.340						< 0.340		U
All Snomomish Locations	15	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.330	0.330						< 0.330		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	2	0%	0.330	0.330						< 0.330		U
RB209	2	0%	0.320	0.330						< 0.330		U
AG143	2	0%	0.320	0.330						< 0.330		U
AG62	2	0%	0.330	0.330						< 0.330		U
FB130	2	0%	0.310	0.320						< 0.320		U
FB372	2	0%	0.320	0.330						< 0.330		U
All Puyallup CB Locations	3	0%	0.310	0.330						< 0.330		U
All Puyallup RB Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup AG Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup FB Locations	4	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	15	0%	0.310	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	8	0%	0.310	0.330						< 0.330		U
All AG Locations	8	0%	0.320	0.330						< 0.330		U
All FB Locations	8	0%	0.310	0.340						< 0.340		U
All Locations	30	0%	0.310	0.340						< 0.340		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-109. Summary statistics for triethyl citrate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.310	0.340	0.145	0.160	0.060	0.155	0.165	0.170	0.010	E
CBX	6	33%	0.310	0.340	0.137	0.157	0.040	0.130	0.165	0.170	0.035	E
RB111	6	0%	0.310	0.330						< 0.330		U
RB202	6	0%	0.320	0.330						< 0.330		U
AG174	6	17%	0.320	0.330	0.149	0.165	0.076	0.160	0.165	0.165	0.005	E
AGG	6	0%	0.310	0.330						< 0.330		U
FB200	6	0%	0.310	0.330						< 0.330		U
FB203	6	0%	0.310	0.330						< 0.330		U
All Snohomish CB Locations	12	25%	0.310	0.340	0.141	0.160	0.040	0.142	0.165	0.170	0.023	E
All Snohomish RB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	12	8%	0.310	0.330	0.155	0.160	0.076	0.160	0.165	0.165	0.005	E
All Snohomish FB Locations	12	0%	0.310	0.330						< 0.330		U
All Snomomish Locations	48	8%	0.310	0.340	0.154	0.160	0.040	0.155	0.165	0.170	0.010	E
Puyallup Watershed												
CBA	6	0%	0.300	0.330						< 0.330		U
CBB	6	0%	0.310	0.330						< 0.330		U
RB53	6	0%	0.310	0.330						< 0.330		U
RB209	6	0%	0.310	0.330						< 0.330		U
AG143	6	0%	0.310	0.330						< 0.330		U
AG62	6	0%	0.310	0.330						< 0.330		U
FB130	6	0%	0.310	0.330						< 0.330		U
FB372	6	0%	0.310	0.370						< 0.370		U
All Puyallup CB Locations	12	0%	0.300	0.330						< 0.330		U
All Puyallup RB Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup AG Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup FB Locations	12	0%	0.310	0.370						< 0.370		U
All Puyallup Locations	48	0%	0.300	0.370						< 0.370		U
All Monitoring Locations Combined												
All CB Locations	24	13%	0.300	0.340	0.149	0.157	0.040	0.155	0.162	0.170	0.007	E
All RB Locations	24	0%	0.310	0.330						< 0.330		U
All AG Locations	24	4%	0.310	0.330	0.157	0.160	0.076	0.155	0.165	0.165	0.010	E
All FB Locations	24	0%	0.310	0.370						< 0.370		U
All Locations	96	4%	0.300	0.370	0.157	0.160	0.040	0.155	0.165	0.185	0.010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-110. Summary statistics for total chlordane concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-110. Summary statistics for total chlordane concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.630	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-111. Summary statistics for total DDT concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	100%	0.200	0.200	2.000	2.000	1.630			2.370		
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	67%	0.200	0.200	1.367	1.630	0.100	0.483	2.185	2.370	1.702	
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	13%	0.200	0.220	0.354	0.100	0.100	0.100	0.100	2.370	0.000	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.200	0.200	0.733	0.100	0.100	0.100	1.630	2.370	1.530	E
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	7%	0.190	0.220	0.227	0.100	0.095	0.100	0.100	2.370	0.000	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-111. Summary statistics for total DDT concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	17%	0.200	2.600	1.052	1.250	0.100	1.160	1.250	1.300	0.090	E
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	8%	0.200	2.600	0.967	1.250	0.100	0.648	1.250	1.300	0.603	E
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	2%	0.200	3.000	0.909	1.250	0.100	0.132	1.250	1.500	1.117	E
Puyallup Watershed												
CBA	6	83%	0.200	2.800	9.133	7.585	1.250	2.780	13.200	22.400	10.420	
CBB	6	17%	0.200	2.600	1.183	1.250	0.100	0.100	1.300	3.100	1.200	E
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	17%	0.200	2.600	1.092	1.275	0.100	0.100	1.300	2.500	1.200	E
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	50%	0.200	2.800	5.158	2.040	0.100	1.250	7.585	22.400	6.335	E
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	8%	0.200	2.600	0.983	1.250	0.100	0.100	1.300	2.500	1.200	E
All Puyallup Locations	48	15%	0.200	2.800	1.973	1.250	0.100	0.100	1.300	22.400	1.200	E
All Monitoring Locations Combined												
All CB Locations	24	25%	0.200	3.000	3.031	1.250	0.100	0.767	2.140	22.400	1.372	E
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	4%	0.200	2.600	0.921	1.250	0.100	0.120	1.250	1.300	1.130	E
All FB Locations	24	4%	0.200	2.600	0.936	1.250	0.100	0.108	1.300	2.500	1.192	E
All Locations	96	8%	0.200	3.000	1.441	1.250	0.100	0.110	1.275	22.400	1.165	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-112. Summary statistics for 2,4-DDD concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	50%	0.200	0.420	0.325	0.325	0.210			0.440		E
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	33%	0.200	0.420	0.250	0.210	0.100	0.127	0.382	0.440	0.255	E
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	7%	0.200	0.420	0.131	0.100	0.100	0.100	0.100	0.440	0.000	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.200	0.420	0.175	0.100	0.100	0.100	0.210	0.440	0.110	E
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	3%	0.190	0.420	0.115	0.100	0.095	0.100	0.100	0.440	0.000	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-112. Summary statistics for 2,4-DDD concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	33%	0.200	2.800	1.125	1.250	0.450	1.100	1.300	1.400	0.200	E
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	17%	0.200	2.600	1.092	1.275	0.100	0.100	1.300	2.500	1.200	E
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	17%	0.200	2.800	1.000	1.250	0.100	0.775	1.275	1.400	0.500	E
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	8%	0.200	2.600	0.983	1.250	0.100	0.100	1.300	2.500	1.200	E
All Puyallup Locations	48	6%	0.200	2.800	0.933	1.250	0.100	0.100	1.250	2.500	1.150	E
All Monitoring Locations Combined												
All CB Locations	24	8%	0.200	3.000	0.944	1.250	0.100	0.278	1.250	1.500	0.973	E
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	4%	0.200	2.600	0.934	1.250	0.100	0.102	1.300	2.500	1.197	E
All Locations	96	3%	0.200	3.000	0.907	1.250	0.100	0.105	1.250	2.500	1.145	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-113. Summary statistics for 2,4-DDE concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-113. Summary statistics for 2,4-DDE concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	17%	0.200	2.800	0.923	1.250	0.100	0.240	1.300	1.400	1.060	E
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	8%	0.200	2.800	0.899	1.250	0.100	0.170	1.275	1.400	1.105	E
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	2%	0.200	2.800	0.882	1.250	0.100	0.100	1.250	1.400	1.150	E
All Monitoring Locations Combined												
All CB Locations	24	4%	0.200	3.000	0.897	1.250	0.100	0.140	1.250	1.500	1.110	E
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	1%	0.200	3.000	0.883	1.250	0.100	0.105	1.250	1.500	1.145	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-114. Summary statistics for 2,4-DDT concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-114. Summary statistics for 2,4-DDT concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	33%	0.200	2.800	1.355	1.250	0.100	0.830	1.300	3.400	0.470	E
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	17%	0.200	2.800	1.115	1.250	0.100	0.465	1.275	3.400	0.810	E
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	4%	0.200	2.800	0.936	1.250	0.100	0.100	1.250	3.400	1.150	E
All Monitoring Locations Combined												
All CB Locations	24	8%	0.200	3.000	1.002	1.250	0.100	0.105	1.250	3.400	1.145	E
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	2%	0.200	3.000	0.908	1.250	0.100	0.102	1.250	3.400	1.148	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-115. Summary statistics for 4,4-DDD concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	100%	0.200	0.200	1.400	1.400	1.300			1.500		
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	67%	0.200	0.200	0.967	1.300	0.100	0.400	1.450	1.500	1.050	
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	13%	0.200	0.220	0.274	0.100	0.100	0.100	0.100	1.500	0.000	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.200	0.200	0.533	0.100	0.100	0.100	1.300	1.500	1.200	E
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	7%	0.190	0.220	0.187	0.100	0.095	0.100	0.100	1.500	0.000	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-115. Summary statistics for 4,4-DDD concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	83%	0.200	2.800	2.958	2.850	1.250	1.500	3.500	5.800	2.000	
CBB	6	17%	0.200	2.600	1.183	1.250	0.100	0.100	1.300	3.100	1.200	E
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	50%	0.200	2.800	2.071	1.400	0.100	1.250	3.100	5.800	1.850	E
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	13%	0.200	2.800	1.175	1.250	0.100	0.100	1.300	5.800	1.200	E
All Monitoring Locations Combined												
All CB Locations	24	25%	0.200	3.000	1.480	1.250	0.100	0.678	1.500	5.800	0.822	E
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	6%	0.200	3.000	1.028	1.250	0.100	0.105	1.250	5.800	1.145	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-116. Summary statistics for 4,4-DDE concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	100%	0.200	0.200	0.380	0.380	0.330			0.430		
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	67%	0.200	0.200	0.287	0.330	0.100	0.158	0.405	0.430	0.248	
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	13%	0.200	0.220	0.138	0.100	0.100	0.100	0.100	0.430	0.000	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.200	0.200	0.193	0.100	0.100	0.100	0.330	0.430	0.230	E
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	7%	0.190	0.220	0.119	0.100	0.095	0.100	0.100	0.430	0.000	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-116. Summary statistics for 4,4-DDE concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	17%	0.200	2.600	1.002	1.250	0.100	0.860	1.250	1.300	0.390	E
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	8%	0.200	2.600	0.942	1.250	0.100	0.498	1.250	1.300	0.752	E
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish Locations	48	2%	0.200	3.000	0.903	1.250	0.100	0.132	1.250	1.500	1.117	E
Puyallup Watershed												
CBA	6	67%	0.200	2.800	1.813	1.375	0.580	1.250	2.800	3.500	1.550	
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	33%	0.200	2.800	1.344	1.250	0.100	0.915	1.400	3.500	0.485	E
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	8%	0.200	2.800	0.993	1.250	0.100	0.100	1.250	3.500	1.150	E
All Monitoring Locations Combined												
All CB Locations	24	17%	0.200	3.000	1.124	1.250	0.100	0.433	1.250	3.500	0.817	E
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	4%	0.200	2.600	0.908	1.250	0.100	0.120	1.250	1.300	1.130	E
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	5%	0.200	3.000	0.948	1.250	0.100	0.110	1.250	3.500	1.140	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-117. Summary statistics for 4,4-DDT concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-117. Summary statistics for 4,4-DDT concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	17%	0.200	2.600	0.908	1.250	0.100	0.300	1.250	1.300	0.950	E
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	8%	0.200	2.600	0.893	1.250	0.100	0.203	1.250	1.300	1.048	E
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	2%	0.200	3.000	0.888	1.250	0.100	0.105	1.250	1.500	1.145	E
Puyallup Watershed												
CBA	6	83%	0.200	2.800	3.983	2.900	0.250	1.250	4.600	12.000	3.350	
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	42%	0.200	2.800	2.429	1.250	0.100	0.750	2.900	12.000	2.150	E
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	10%	0.200	2.800	1.265	1.250	0.100	0.100	1.275	12.000	1.175	E
All Monitoring Locations Combined												
All CB Locations	24	21%	0.200	3.000	1.665	1.250	0.100	0.248	1.275	12.000	1.028	E
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	4%	0.200	2.600	0.884	1.250	0.100	0.105	1.250	1.300	1.145	E
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	6%	0.200	3.000	1.076	1.250	0.100	0.105	1.250	12.000	1.145	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-118. Summary statistics for aldrin concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-118. Summary statistics for aldrin concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-119. Summary statistics for alpha-BHC concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-119. Summary statistics for alpha-BHC concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-120. Summary statistics for beta-bhc concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-120. Summary statistics for beta-bhc concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-121. Summary statistics for chlordane, technical concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-121. Summary statistics for chlordane, technical concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	25.0	25.0						< 25.0		U
CBX	1	0%	25.0	25.0						< 25.0		U
RB111	1	0%	25.0	25.0						< 25.0		U
RB202	1	0%	26.0	26.0						< 26.0		U
AG174	1	0%	25.0	25.0						< 25.0		U
AGG	1	0%	26.0	26.0						< 26.0		U
FB200	1	0%	26.0	26.0						< 26.0		U
FB203	1	0%	26.0	26.0						< 26.0		U
All Snohomish CB Locations	2	0%	25.0	25.0						< 25.0		U
All Snohomish RB Locations	2	0%	25.0	26.0						< 26.0		U
All Snohomish AG Locations	2	0%	25.0	26.0						< 26.0		U
All Snohomish FB Locations	2	0%	26.0	26.0						< 26.0		U
All Snomomish Locations	8	0%	25.0	26.0						< 26.0		U
Puyallup Watershed												
CBA	2	0%	25.0	28.0						< 28.0		U
CBB	2	0%	25.0	26.0						< 26.0		U
RB53	2	0%	25.0	26.0						< 26.0		U
RB209	2	0%	25.0	26.0						< 26.0		U
AG143	2	0%	25.0	25.0						< 25.0		U
AG62	2	0%	26.0	26.0						< 26.0		U
FB130	2	0%	25.0	26.0						< 26.0		U
FB372	2	0%	25.0	26.0						< 26.0		U
All Puyallup CB Locations	4	0%	25.0	28.0						< 28.0		U
All Puyallup RB Locations	4	0%	25.0	26.0						< 26.0		U
All Puyallup AG Locations	4	0%	25.0	26.0						< 26.0		U
All Puyallup FB Locations	4	0%	25.0	26.0						< 26.0		U
All Puyallup Locations	16	0%	25.0	28.0						< 28.0		U
All Monitoring Locations Combined												
All CB Locations	6	0%	25.0	28.0						< 28.0		U
All RB Locations	6	0%	25.0	26.0						< 26.0		U
All AG Locations	6	0%	25.0	26.0						< 26.0		U
All FB Locations	6	0%	25.0	26.0						< 26.0		U
All Locations	24	0%	25.0	28.0						< 28.0		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-122. Summary statistics for chlorpyrifos concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	0.200	0.200	0.340	0.340	0.100			0.580		E
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	33%	0.200	0.200	0.260	0.100	0.100	0.100	0.460	0.580	0.360	E
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	7%	0.190	0.210	0.132	0.100	0.095	0.100	0.100	0.580	0.000	E
Puyallup Watershed												
CBA	2	50%	0.200	0.200	0.165	0.165	0.100			0.230		E
CBB	1	0%	0.200	0.750						< 0.750		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	33%	0.200	0.750	0.235	0.230	0.100	0.133	0.339	0.375	0.206	E
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	7%	0.200	0.750	0.128	0.100	0.100	0.100	0.100	0.375	0.000	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.200	0.750	0.248	0.165	0.100	0.100	0.375	0.580	0.275	E
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	7%	0.190	0.750	0.130	0.100	0.095	0.100	0.100	0.580	0.000	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-122. Summary statistics for chlorpyrifos concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.210	3.000	1.406	1.250	0.285	1.250	1.500	2.900	0.250	E
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	8%	0.200	3.000	1.170	1.250	0.210	0.820	1.250	2.900	0.430	E
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish Locations	48	2%	0.200	3.000	1.000	1.250	0.100	0.402	1.250	2.900	0.848	E
Puyallup Watershed												
CBA	6	17%	0.200	2.800	1.358	1.275	0.250	1.250	1.400	2.700	0.150	E
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	17%	0.200	2.600	0.976	1.250	0.185	0.620	1.250	1.300	0.630	E
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	8%	0.200	2.800	1.124	1.250	0.100	0.750	1.300	2.700	0.550	E
All Puyallup RB Locations	12	8%	0.200	2.600	0.928	1.250	0.100	0.403	1.250	1.300	0.848	E
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	4%	0.200	2.800	0.968	1.250	0.100	0.230	1.250	2.700	1.020	E
All Monitoring Locations Combined												
All CB Locations	24	8%	0.200	3.000	1.147	1.250	0.100	0.820	1.275	2.900	0.455	E
All RB Locations	24	4%	0.200	2.600	0.943	1.250	0.100	0.470	1.250	1.300	0.780	E
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	3%	0.200	3.000	0.984	1.250	0.100	0.382	1.250	2.900	0.868	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-123. Summary statistics for chlorthal-dimethyl concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.530						< 0.530		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.530						< 0.530		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.530						< 0.530		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.530						< 0.530		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.530						< 0.530		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-123. Summary statistics for chlorthal-dimethyl concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.210	3.000	1.343	1.250	0.105	1.250	1.500	2.700	0.250	E
CBX	6	17%	0.200	2.500	1.100	1.250	0.100	1.250	1.250	1.500	0.000	E
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	17%	0.200	3.000	1.221	1.250	0.100	1.250	1.375	2.700	0.125	E
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	4%	0.200	3.000	0.966	1.250	0.100	0.110	1.250	2.700	1.140	E
Puyallup Watershed												
CBA	6	17%	0.200	2.800	0.970	1.250	0.100	0.520	1.300	1.400	0.780	E
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	8%	0.200	2.800	0.930	1.250	0.100	0.352	1.275	1.400	0.923	E
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	2%	0.200	2.800	0.890	1.250	0.100	0.100	1.250	1.400	1.150	E
All Monitoring Locations Combined												
All CB Locations	24	13%	0.200	3.000	1.075	1.250	0.100	0.885	1.275	2.700	0.390	E
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	3%	0.200	3.000	0.928	1.250	0.100	0.105	1.250	2.700	1.145	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-124. Summary statistics for cis-chlordane concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-124. Summary statistics for cis-chlordane concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-125. Summary statistics for cis-nonachlor concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-125. Summary statistics for cis-nonachlor concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-126. Summary statistics for DDMU concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-126. Summary statistics for DDMU concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	3.600						< 3.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	3.600						< 3.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	3.600						< 3.600		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	3.600						< 3.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.600						< 3.600		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-127. Summary statistics for delta-BHC concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.290						< 0.290		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.290						< 0.290		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.290						< 0.290		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.290						< 0.290		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.290						< 0.290		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-127. Summary statistics for delta-BHC concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-128. Summary statistics for dieldrin concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.490	0.490						< 0.490		U
CBX	1	0%	0.500	0.500						< 0.500		U
RB111	2	0%	0.500	0.510						< 0.510		U
RB202	2	0%	0.490	0.490						< 0.490		U
AG174	2	0%	0.480	0.490						< 0.490		U
AGG	2	0%	0.490	0.500						< 0.500		U
FB200	2	0%	0.490	0.490						< 0.490		U
FB203	2	0%	0.480	0.500						< 0.500		U
All Snohomish CB Locations	3	0%	0.490	0.500						< 0.500		U
All Snohomish RB Locations	4	0%	0.490	0.510						< 0.510		U
All Snohomish AG Locations	4	0%	0.480	0.500						< 0.500		U
All Snohomish FB Locations	4	0%	0.480	0.500						< 0.500		U
All Snomomish Locations	15	0%	0.480	0.510						< 0.510		U
Puyallup Watershed												
CBA	2	0%	0.490	0.510						< 0.510		U
CBB	1	0%	0.490	0.490						< 0.490		U
RB53	2	0%	0.490	0.490						< 0.490		U
RB209	2	0%	0.490	0.510						< 0.510		U
AG143	2	100%	0.490	0.560	0.550	0.550	0.510			0.590		U
AG62	2	0%	0.490	0.500						< 0.500		U
FB130	2	0%	0.490	0.500						< 0.500		U
FB372	2	0%	0.490	0.510						< 0.510		U
All Puyallup CB Locations	3	0%	0.490	0.510						< 0.510		U
All Puyallup RB Locations	4	0%	0.490	0.510						< 0.510		U
All Puyallup AG Locations	4	50%	0.490	0.560	0.399	0.380	0.245	0.248	0.550	0.590	0.303	E
All Puyallup FB Locations	4	0%	0.490	0.510						< 0.510		U
All Puyallup Locations	15	13%	0.490	0.560	0.288	0.245	0.245	0.245	0.255	0.590	0.010	E
All Monitoring Locations Combined												
All CB Locations	6	0%	0.490	0.510						< 0.510		U
All RB Locations	8	0%	0.490	0.510						< 0.510		U
All AG Locations	8	25%	0.480	0.560	0.322	0.248	0.240	0.245	0.380	0.590	0.135	E
All FB Locations	8	0%	0.480	0.510						< 0.510		U
All Locations	30	7%	0.480	0.560	0.267	0.245	0.240	0.245	0.250	0.590	0.005	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-128. Summary statistics for dieldrin concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.530	3.000						< 3.000		U
CBX	6	0%	0.510	2.500						< 2.500		U
RB111	6	0%	0.500	2.500						< 2.500		U
RB202	6	0%	0.500	2.600						< 2.600		U
AG174	6	17%	0.490	2.600	1.048	1.250	0.245	0.990	1.250	1.300	0.260	E
AGG	6	0%	0.510	2.600						< 2.600		U
FB200	6	0%	0.510	2.600						< 2.600		U
FB203	6	0%	0.500	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.510	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.500	2.600						< 2.600		U
All Snohomish AG Locations	12	8%	0.490	2.600	0.987	1.250	0.245	0.623	1.250	1.300	0.627	E
All Snohomish FB Locations	12	0%	0.500	2.600						< 2.600		U
All Snomomish Locations	48	2%	0.490	3.000	0.962	1.250	0.245	0.260	1.250	1.500	0.990	E
Puyallup Watershed												
CBA	6	17%	0.490	2.800	0.991	1.250	0.255	0.490	1.300	1.400	0.810	E
CBB	6	0%	0.490	2.600						< 2.600		U
RB53	6	0%	0.490	2.600						< 2.600		U
RB209	6	0%	0.490	2.600						< 2.600		U
AG143	6	33%	0.490	2.500	1.067	1.250	0.590	0.810	1.250	1.250	0.440	E
AG62	6	0%	0.490	2.600						< 2.600		U
FB130	6	0%	0.490	2.600						< 2.600		U
FB372	6	0%	0.490	2.600						< 2.600		U
All Puyallup CB Locations	12	8%	0.490	2.800	0.957	1.250	0.245	0.373	1.275	1.400	0.902	E
All Puyallup RB Locations	12	0%	0.490	2.600						< 2.600		U
All Puyallup AG Locations	12	17%	0.490	2.600	0.999	1.250	0.245	0.700	1.250	1.300	0.550	E
All Puyallup FB Locations	12	0%	0.490	2.600						< 2.600		U
All Puyallup Locations	48	6%	0.490	2.800	0.952	1.250	0.245	0.252	1.250	1.400	0.998	E
All Monitoring Locations Combined												
All CB Locations	24	4%	0.490	3.000	0.979	1.250	0.245	0.520	1.250	1.500	0.730	E
All RB Locations	24	0%	0.490	2.600						< 2.600		U
All AG Locations	24	13%	0.490	2.600	0.993	1.250	0.245	0.700	1.250	1.300	0.550	E
All FB Locations	24	0%	0.490	2.600						< 2.600		U
All Locations	96	4%	0.490	3.000	0.957	1.250	0.245	0.255	1.250	1.500	0.995	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-129. Summary statistics for endosulfan I concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.310						< 0.310		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.310						< 0.310		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.310						< 0.310		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.310						< 0.310		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.310						< 0.310		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-129. Summary statistics for endosulfan I concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-130. Summary statistics for endosulfan II concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-130. Summary statistics for endosulfan II concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-131. Summary statistics for endosulfan sulfate concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	100%	0.200	0.200		0.530						
RB53	2	50%	0.200	0.200	0.485	0.485	0.100			0.870		E
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	33%	0.200	0.200	0.243	0.100	0.100	0.100	0.422	0.530	0.322	E
All Puyallup RB Locations	4	25%	0.200	0.200	0.293	0.100	0.100	0.100	0.485	0.870	0.385	E
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	13%	0.200	0.220	0.181	0.100	0.100	0.100	0.100	0.870	0.000	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.200	0.200	0.172	0.100	0.100	0.100	0.100	0.530	0.000	E
All RB Locations	8	13%	0.200	0.210	0.197	0.100	0.100	0.100	0.102	0.870	0.002	E
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	7%	0.190	0.220	0.140	0.100	0.095	0.100	0.100	0.870	0.000	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-131. Summary statistics for endosulfan sulfate concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	17%	0.200	2.500	0.972	1.250	0.100	0.730	1.250	1.250	0.520	E
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	8%	0.200	3.000	1.032	1.250	0.100	0.915	1.250	1.500	0.335	E
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	2%	0.200	3.000	0.920	1.250	0.100	0.183	1.250	1.500	1.067	E
Puyallup Watershed												
CBA	6	33%	0.200	2.800	0.993	1.250	0.300	0.460	1.300	1.400	0.840	E
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	17%	0.200	2.600	0.947	1.250	0.230	0.400	1.250	1.300	0.850	E
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	17%	0.200	2.500	0.890	1.250	0.100	0.240	1.250	1.250	1.010	E
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	17%	0.200	2.600	0.902	1.250	0.100	0.210	1.300	1.300	1.090	E
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	17%	0.200	2.800	0.951	1.250	0.100	0.380	1.275	1.400	0.895	E
All Puyallup RB Locations	12	8%	0.200	2.600	0.911	1.250	0.100	0.315	1.250	1.300	0.935	E
All Puyallup AG Locations	12	8%	0.200	2.600	0.903	1.250	0.100	0.270	1.250	1.300	0.980	E
All Puyallup FB Locations	12	8%	0.200	2.600	0.888	1.250	0.100	0.155	1.275	1.300	1.120	E
All Puyallup Locations	48	10%	0.200	2.800	0.913	1.250	0.100	0.300	1.250	1.400	0.950	E
All Monitoring Locations Combined												
All CB Locations	24	13%	0.200	3.000	0.991	1.250	0.100	0.595	1.250	1.500	0.655	E
All RB Locations	24	4%	0.200	2.600	0.900	1.250	0.100	0.210	1.250	1.300	1.040	E
All AG Locations	24	4%	0.200	2.600	0.890	1.250	0.100	0.172	1.250	1.300	1.077	E
All FB Locations	24	4%	0.200	2.600	0.886	1.250	0.100	0.105	1.300	1.300	1.195	E
All Locations	96	6%	0.200	3.000	0.917	1.250	0.100	0.235	1.250	1.500	1.015	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-132. Summary statistics for endrin concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.490	0.490						< 0.490		U
CBX	1	0%	0.500	0.500						< 0.500		U
RB111	2	0%	0.500	0.510						< 0.510		U
RB202	2	0%	0.490	0.490						< 0.490		U
AG174	2	0%	0.480	0.490						< 0.490		U
AGG	2	0%	0.490	0.500						< 0.500		U
FB200	2	0%	0.490	0.490						< 0.490		U
FB203	2	0%	0.480	0.500						< 0.500		U
All Snohomish CB Locations	3	0%	0.490	0.500						< 0.500		U
All Snohomish RB Locations	4	0%	0.490	0.510						< 0.510		U
All Snohomish AG Locations	4	0%	0.480	0.500						< 0.500		U
All Snohomish FB Locations	4	0%	0.480	0.500						< 0.500		U
All Snomomish Locations	15	0%	0.480	0.510						< 0.510		U
Puyallup Watershed												
CBA	2	0%	0.490	0.510						< 0.510		U
CBB	1	0%	0.490	0.490						< 0.490		U
RB53	2	0%	0.490	0.490						< 0.490		U
RB209	2	0%	0.490	0.510						< 0.510		U
AG143	2	0%	0.490	0.560						< 0.560		U
AG62	2	0%	0.490	0.500						< 0.500		U
FB130	2	0%	0.490	0.500						< 0.500		U
FB372	2	0%	0.490	0.510						< 0.510		U
All Puyallup CB Locations	3	0%	0.490	0.510						< 0.510		U
All Puyallup RB Locations	4	0%	0.490	0.510						< 0.510		U
All Puyallup AG Locations	4	0%	0.490	0.560						< 0.560		U
All Puyallup FB Locations	4	0%	0.490	0.510						< 0.510		U
All Puyallup Locations	15	0%	0.490	0.560						< 0.560		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.490	0.510						< 0.510		U
All RB Locations	8	0%	0.490	0.510						< 0.510		U
All AG Locations	8	0%	0.480	0.560						< 0.560		U
All FB Locations	8	0%	0.480	0.510						< 0.510		U
All Locations	30	0%	0.480	0.560						< 0.560		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-132. Summary statistics for endrin concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.530	3.000						< 3.000		U
CBX	6	0%	0.510	2.500						< 2.500		U
RB111	6	0%	0.500	2.500						< 2.500		U
RB202	6	0%	0.500	2.600						< 2.600		U
AG174	6	0%	0.490	2.600						< 2.600		U
AGG	6	0%	0.510	2.600						< 2.600		U
FB200	6	0%	0.510	2.600						< 2.600		U
FB203	6	0%	0.500	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.510	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.500	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.490	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.500	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.490	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.490	2.800						< 2.800		U
CBB	6	0%	0.490	2.600						< 2.600		U
RB53	6	0%	0.490	2.600						< 2.600		U
RB209	6	0%	0.490	2.600						< 2.600		U
AG143	6	0%	0.490	2.500						< 2.500		U
AG62	6	0%	0.490	2.600						< 2.600		U
FB130	6	0%	0.490	2.600						< 2.600		U
FB372	6	0%	0.490	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.490	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.490	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.490	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.490	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.490	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.490	3.000						< 3.000		U
All RB Locations	24	0%	0.490	2.600						< 2.600		U
All AG Locations	24	0%	0.490	2.600						< 2.600		U
All FB Locations	24	0%	0.490	2.600						< 2.600		U
All Locations	96	0%	0.490	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-133. Summary statistics for endrin aldehyde concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.310						< 0.310		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.230						< 0.230		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.340						< 0.340		U
FB200	2	0%	0.200	0.280						< 0.280		U
FB203	2	0%	0.190	0.480						< 0.480		U
All Snohomish CB Locations	3	0%	0.200	0.310						< 0.310		U
All Snohomish RB Locations	4	0%	0.200	0.230						< 0.230		U
All Snohomish AG Locations	4	0%	0.190	0.340						< 0.340		U
All Snohomish FB Locations	4	0%	0.190	0.480						< 0.480		U
All Snomomish Locations	15	0%	0.190	0.480						< 0.480		U
Puyallup Watershed												
CBA	2	0%	0.200	0.590						< 0.590		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.290						< 0.290		U
RB209	2	0%	0.200	0.400						< 0.400		U
AG143	2	0%	0.200	0.670						< 0.670		U
AG62	2	0%	0.200	0.490						< 0.490		U
FB130	2	0%	0.200	0.260						< 0.260		U
FB372	2	0%	0.200	0.490						< 0.490		U
All Puyallup CB Locations	3	0%	0.200	0.590						< 0.590		U
All Puyallup RB Locations	4	0%	0.200	0.400						< 0.400		U
All Puyallup AG Locations	4	0%	0.200	0.670						< 0.670		U
All Puyallup FB Locations	4	0%	0.200	0.490						< 0.490		U
All Puyallup Locations	15	0%	0.200	0.670						< 0.670		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.590						< 0.590		U
All RB Locations	8	0%	0.200	0.400						< 0.400		U
All AG Locations	8	0%	0.190	0.670						< 0.670		U
All FB Locations	8	0%	0.190	0.490						< 0.490		U
All Locations	30	0%	0.190	0.670						< 0.670		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-133. Summary statistics for endrin aldehyde concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-134. Summary statistics for endrin ketone concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.730	0.740						< 0.740		U
CBX	1	0%	0.740	0.740						< 0.740		U
RB111	2	0%	0.750	0.770						< 0.770		U
RB202	2	0%	0.730	0.740						< 0.740		U
AG174	2	0%	0.720	0.730						< 0.730		U
AGG	2	0%	0.730	0.750						< 0.750		U
FB200	2	0%	0.730	0.730						< 0.730		U
FB203	2	0%	0.720	0.750						< 0.750		U
All Snohomish CB Locations	3	0%	0.730	0.740						< 0.740		U
All Snohomish RB Locations	4	0%	0.730	0.770						< 0.770		U
All Snohomish AG Locations	4	0%	0.720	0.750						< 0.750		U
All Snohomish FB Locations	4	0%	0.720	0.750						< 0.750		U
All Snomomish Locations	15	0%	0.720	0.770						< 0.770		U
Puyallup Watershed												
CBA	2	0%	0.730	0.760						< 0.760		U
CBB	1	0%	0.730	0.730						< 0.730		U
RB53	2	0%	0.730	0.740						< 0.740		U
RB209	2	0%	0.740	0.760						< 0.760		U
AG143	2	0%	0.730	0.830						< 0.830		U
AG62	2	0%	0.730	0.750						< 0.750		U
FB130	2	0%	0.730	0.750						< 0.750		U
FB372	2	0%	0.730	0.760						< 0.760		U
All Puyallup CB Locations	3	0%	0.730	0.760						< 0.760		U
All Puyallup RB Locations	4	0%	0.730	0.760						< 0.760		U
All Puyallup AG Locations	4	0%	0.730	0.830						< 0.830		U
All Puyallup FB Locations	4	0%	0.730	0.760						< 0.760		U
All Puyallup Locations	15	0%	0.730	0.830						< 0.830		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.730	0.760						< 0.760		U
All RB Locations	8	0%	0.730	0.770						< 0.770		U
All AG Locations	8	0%	0.720	0.830						< 0.830		U
All FB Locations	8	0%	0.720	0.760						< 0.760		U
All Locations	30	0%	0.720	0.830						< 0.830		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-134. Summary statistics for endrin ketone concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.790	3.000						< 3.000		U
CBX	6	0%	0.760	2.500						< 2.500		U
RB111	6	0%	0.750	2.500						< 2.500		U
RB202	6	0%	0.740	2.600						< 2.600		U
AG174	6	0%	0.740	2.600						< 2.600		U
AGG	6	0%	0.770	2.600						< 2.600		U
FB200	6	0%	0.760	2.600						< 2.600		U
FB203	6	0%	0.740	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.760	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.740	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.740	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.740	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.740	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.730	2.800						< 2.800		U
CBB	6	0%	0.730	2.600						< 2.600		U
RB53	6	0%	0.730	2.600						< 2.600		U
RB209	6	0%	0.730	2.600						< 2.600		U
AG143	6	0%	0.730	2.500						< 2.500		U
AG62	6	0%	0.730	2.600						< 2.600		U
FB130	6	0%	0.740	2.600						< 2.600		U
FB372	6	0%	0.740	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.730	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.730	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.730	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.740	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.730	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.730	3.000						< 3.000		U
All RB Locations	24	0%	0.730	2.600						< 2.600		U
All AG Locations	24	0%	0.730	2.600						< 2.600		U
All FB Locations	24	0%	0.740	2.600						< 2.600		U
All Locations	96	0%	0.730	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-135. Summary statistics for gamma-bhc (lindane) concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.320						< 0.320		U
CBX	1	0%	0.200	0.280						< 0.280		U
RB111	2	0%	0.200	0.360						< 0.360		U
RB202	2	0%	0.200	0.310						< 0.310		U
AG174	2	0%	0.190	0.400						< 0.400		U
AGG	2	0%	0.200	0.510						< 0.510		U
FB200	2	0%	0.200	0.450						< 0.450		U
FB203	2	0%	0.190	0.370						< 0.370		U
All Snohomish CB Locations	3	0%	0.200	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.200	0.360						< 0.360		U
All Snohomish AG Locations	4	0%	0.190	0.510						< 0.510		U
All Snohomish FB Locations	4	0%	0.190	0.450						< 0.450		U
All Snomomish Locations	15	0%	0.190	0.510						< 0.510		U
Puyallup Watershed												
CBA	2	0%	0.200	0.620						< 0.620		U
CBB	1	0%	0.200	0.340						< 0.340		U
RB53	2	0%	0.200	0.330						< 0.330		U
RB209	2	0%	0.200	0.370						< 0.370		U
AG143	2	0%	0.200	0.400						< 0.400		U
AG62	2	0%	0.200	0.440						< 0.440		U
FB130	2	0%	0.200	0.360						< 0.360		U
FB372	2	0%	0.200	0.600						< 0.600		U
All Puyallup CB Locations	3	0%	0.200	0.620						< 0.620		U
All Puyallup RB Locations	4	0%	0.200	0.370						< 0.370		U
All Puyallup AG Locations	4	0%	0.200	0.440						< 0.440		U
All Puyallup FB Locations	4	0%	0.200	0.600						< 0.600		U
All Puyallup Locations	15	0%	0.200	0.620						< 0.620		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.620						< 0.620		U
All RB Locations	8	0%	0.200	0.370						< 0.370		U
All AG Locations	8	0%	0.190	0.510						< 0.510		U
All FB Locations	8	0%	0.190	0.600						< 0.600		U
All Locations	30	0%	0.190	0.620						< 0.620		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-135. Summary statistics for gamma-bhc (lindane) concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.400						< 3.400		U
CBX	6	0%	0.200	6.200						< 6.200		U
RB111	6	0%	0.200	5.700						< 5.700		U
RB202	6	0%	0.200	3.800						< 3.800		U
AG174	6	0%	0.200	3.600						< 3.600		U
AGG	6	0%	0.210	3.700						< 3.700		U
FB200	6	0%	0.200	3.600						< 3.600		U
FB203	6	0%	0.200	7.600						< 7.600		U
All Snohomish CB Locations	12	0%	0.200	6.200						< 6.200		U
All Snohomish RB Locations	12	0%	0.200	5.700						< 5.700		U
All Snohomish AG Locations	12	0%	0.200	3.700						< 3.700		U
All Snohomish FB Locations	12	0%	0.200	7.600						< 7.600		U
All Snomomish Locations	48	0%	0.200	7.600						< 7.600		U
Puyallup Watershed												
CBA	6	0%	0.200	4.900						< 4.900		U
CBB	6	0%	0.200	5.800						< 5.800		U
RB53	6	0%	0.200	6.900						< 6.900		U
RB209	6	0%	0.200	3.200						< 3.200		U
AG143	6	0%	0.200	6.800						< 6.800		U
AG62	6	0%	0.200	6.700						< 6.700		U
FB130	6	0%	0.200	6.100						< 6.100		U
FB372	6	0%	0.200	4.300						< 4.300		U
All Puyallup CB Locations	12	0%	0.200	5.800						< 5.800		U
All Puyallup RB Locations	12	0%	0.200	6.900						< 6.900		U
All Puyallup AG Locations	12	0%	0.200	6.800						< 6.800		U
All Puyallup FB Locations	12	0%	0.200	6.100						< 6.100		U
All Puyallup Locations	48	0%	0.200	6.900						< 6.900		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	6.200						< 6.200		U
All RB Locations	24	0%	0.200	6.900						< 6.900		U
All AG Locations	24	0%	0.200	6.800						< 6.800		U
All FB Locations	24	0%	0.200	7.600						< 7.600		U
All Locations	96	0%	0.200	7.600						< 7.600		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-136. Summary statistics for heptachlor concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-136. Summary statistics for heptachlor concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-137. Summary statistics for heptachlor epoxide concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.320						< 0.320		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.320						< 0.320		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.320						< 0.320		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.320						< 0.320		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.320						< 0.320		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-137. Summary statistics for heptachlor epoxide concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-138. Summary statistics for hexachlorobenzene concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	50%	0.200	0.200	0.215	0.215	0.100			0.330		E
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	25%	0.190	0.200	0.156	0.100	0.095	0.097	0.215	0.330	0.117	E
All Snohomish Locations	15	7%	0.190	0.210	0.115	0.100	0.095	0.100	0.100	0.330	0.000	E
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	50%	0.200	0.200	0.280	0.280	0.100			0.460		E
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	25%	0.200	0.200	0.190	0.100	0.100	0.100	0.280	0.460	0.180	E
All Puyallup Locations	15	7%	0.200	0.220	0.125	0.100	0.100	0.100	0.100	0.460	0.000	E
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	25%	0.190	0.200	0.173	0.100	0.095	0.100	0.215	0.460	0.115	E
All Locations	30	7%	0.190	0.220	0.120	0.100	0.095	0.100	0.100	0.460	0.000	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-138. Summary statistics for hexachlorobenzene concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	17%	0.200	2.500	1.267	1.250	0.100	1.250	1.250	2.500	0.000	E
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	17%	0.200	2.600	0.930	1.250	0.100	0.430	1.250	1.300	0.820	E
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	8%	0.200	3.000	1.088	1.250	0.100	0.678	1.250	2.500	0.572	E
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	8%	0.200	2.600	0.903	1.250	0.100	0.268	1.250	1.300	0.983	E
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	4%	0.200	3.000	0.938	1.250	0.100	0.105	1.250	2.500	1.145	E
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	4%	0.200	3.000	0.988	1.250	0.100	0.105	1.250	2.500	1.145	E
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	4%	0.200	2.600	0.889	1.250	0.100	0.105	1.250	1.300	1.145	E
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	2%	0.200	3.000	0.909	1.250	0.100	0.105	1.250	2.500	1.145	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-139. Summary statistics for methoxychlor concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.490	0.490						< 0.490		U
CBX	1	0%	0.500	0.500						< 0.500		U
RB111	2	0%	0.500	0.510						< 0.510		U
RB202	2	0%	0.490	0.490						< 0.490		U
AG174	2	0%	0.480	0.490						< 0.490		U
AGG	2	0%	0.490	0.500						< 0.500		U
FB200	2	0%	0.490	0.490						< 0.490		U
FB203	2	0%	0.480	0.500						< 0.500		U
All Snohomish CB Locations	3	0%	0.490	0.500						< 0.500		U
All Snohomish RB Locations	4	0%	0.490	0.510						< 0.510		U
All Snohomish AG Locations	4	0%	0.480	0.500						< 0.500		U
All Snohomish FB Locations	4	0%	0.480	0.500						< 0.500		U
All Snohomish Locations	15	0%	0.480	0.510						< 0.510		U
Puyallup Watershed												
CBA	2	0%	0.490	0.510						< 0.510		U
CBB	1	0%	0.490	0.490						< 0.490		U
RB53	2	0%	0.490	0.490						< 0.490		U
RB209	2	0%	0.490	0.510						< 0.510		U
AG143	2	0%	0.490	0.560						< 0.560		U
AG62	2	0%	0.490	0.500						< 0.500		U
FB130	2	0%	0.490	0.500						< 0.500		U
FB372	2	0%	0.490	0.510						< 0.510		U
All Puyallup CB Locations	3	0%	0.490	0.510						< 0.510		U
All Puyallup RB Locations	4	0%	0.490	0.510						< 0.510		U
All Puyallup AG Locations	4	0%	0.490	0.560						< 0.560		U
All Puyallup FB Locations	4	0%	0.490	0.510						< 0.510		U
All Puyallup Locations	15	0%	0.490	0.560						< 0.560		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.490	0.510						< 0.510		U
All RB Locations	8	0%	0.490	0.510						< 0.510		U
All AG Locations	8	0%	0.480	0.560						< 0.560		U
All FB Locations	8	0%	0.480	0.510						< 0.510		U
All Locations	30	0%	0.480	0.560						< 0.560		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-139. Summary statistics for methoxychlor concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.530	3.000						< 3.000		U
CBX	6	0%	0.510	2.500						< 2.500		U
RB111	6	0%	0.500	2.500						< 2.500		U
RB202	6	0%	0.500	2.600						< 2.600		U
AG174	6	0%	0.490	2.600						< 2.600		U
AGG	6	0%	0.510	2.600						< 2.600		U
FB200	6	0%	0.510	2.600						< 2.600		U
FB203	6	0%	0.500	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.510	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.500	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.490	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.500	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.490	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.490	2.800						< 2.800		U
CBB	6	0%	0.490	2.600						< 2.600		U
RB53	6	0%	0.490	2.600						< 2.600		U
RB209	6	0%	0.490	2.600						< 2.600		U
AG143	6	0%	0.490	2.500						< 2.500		U
AG62	6	0%	0.490	2.600						< 2.600		U
FB130	6	0%	0.490	2.600						< 2.600		U
FB372	6	0%	0.490	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.490	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.490	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.490	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.490	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.490	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.490	3.000						< 3.000		U
All RB Locations	24	0%	0.490	2.600						< 2.600		U
All AG Locations	24	0%	0.490	2.600						< 2.600		U
All FB Locations	24	0%	0.490	2.600						< 2.600		U
All Locations	96	0%	0.490	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-140. Summary statistics for mirex concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-140. Summary statistics for mirex concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-141. Summary statistics for oxychlordan concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-141. Summary statistics for oxychlordan concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-142. Summary statistics for pentachloroanisole concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	100%	0.200	0.200		0.310						
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	100%	0.190	0.200	1.695	1.695	0.790			2.600		
AGG	2	50%	0.200	0.200	0.280	0.280	0.100			0.460		E
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	33%	0.200	0.200	0.170	0.100	0.100	0.100	0.257	0.310	0.157	E
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	75%	0.190	0.200	0.987	0.625	0.100	0.280	1.695	2.600	1.415	
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snomomish Locations	15	27%	0.190	0.210	0.351	0.100	0.095	0.100	0.259	2.600	0.159	E
Puyallup Watershed												
CBA	2	50%	0.200	0.200	0.270	0.270	0.100			0.440		E
CBB	1	100%	0.200	0.200		0.490						
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	100%	0.200	0.220	0.695	0.695	0.630			0.760		
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	67%	0.200	0.200	0.343	0.440	0.100	0.185	0.477	0.490	0.292	
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	50%	0.200	0.220	0.397	0.365	0.100	0.100	0.695	0.760	0.595	E
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	27%	0.200	0.220	0.228	0.100	0.100	0.100	0.355	0.760	0.255	E
All Monitoring Locations Combined												
All CB Locations	6	50%	0.200	0.200	0.257	0.205	0.100	0.100	0.440	0.490	0.340	E
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	63%	0.190	0.220	0.692	0.545	0.100	0.100	0.775	2.600	0.675	
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	27%	0.190	0.220	0.289	0.100	0.095	0.100	0.310	2.600	0.210	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-142. Summary statistics for pentachloroanisole concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	33%	0.200	2.600	0.998	1.250	0.250	0.640	1.300	1.300	0.660	E
AG174	6	33%	0.200	2.600	1.442	1.250	1.200	1.250	1.300	2.400	0.050	E
AGG	6	17%	0.210	2.600	0.969	1.250	0.105	0.660	1.250	1.300	0.590	E
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	17%	0.200	2.600	0.933	1.250	0.100	0.445	1.250	1.300	0.805	E
All Snohomish AG Locations	12	25%	0.200	2.600	1.205	1.250	0.105	1.225	1.275	2.400	0.050	E
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	10%	0.200	3.000	0.980	1.250	0.100	0.445	1.250	2.400	0.805	E
Puyallup Watershed												
CBA	6	17%	0.200	2.800	0.925	1.250	0.100	0.250	1.300	1.400	1.050	E
CBB	6	33%	0.200	2.600	1.008	1.250	0.490	0.510	1.250	1.300	0.740	E
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	33%	0.200	2.500	1.385	1.250	0.810	1.250	1.250	2.500	0.000	E
AG62	6	17%	0.200	2.600	1.050	1.250	0.100	1.100	1.300	1.300	0.200	E
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	25%	0.200	2.800	0.967	1.250	0.100	0.500	1.275	1.400	0.775	E
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	25%	0.200	2.600	1.218	1.250	0.100	1.175	1.275	2.500	0.100	E
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	13%	0.200	2.800	0.985	1.250	0.100	0.500	1.250	2.500	0.750	E
All Monitoring Locations Combined												
All CB Locations	24	13%	0.200	3.000	0.933	1.250	0.100	0.370	1.250	1.500	0.880	E
All RB Locations	24	8%	0.200	2.600	0.904	1.250	0.100	0.175	1.250	1.300	1.075	E
All AG Locations	24	25%	0.200	2.600	1.211	1.250	0.100	1.225	1.275	2.500	0.050	E
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	11%	0.200	3.000	0.982	1.250	0.100	0.500	1.250	2.500	0.750	E

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-143. Summary statistics for toxaphene concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	9.60	9.80						< 9.80		U
CBX	1	0%	9.80	9.80						< 9.80		U
RB111	2	0%	9.90	10.00						< 10.00		U
RB202	2	0%	9.70	9.70						< 9.70		U
AG174	2	0%	9.60	9.70						< 9.70		U
AGG	2	0%	9.70	9.90						< 9.90		U
FB200	2	0%	9.60	9.70						< 9.70		U
FB203	2	0%	9.60	9.90						< 9.90		U
All Snohomish CB Locations	3	0%	9.60	9.80						< 9.80		U
All Snohomish RB Locations	4	0%	9.70	10.00						< 10.00		U
All Snohomish AG Locations	4	0%	9.60	9.90						< 9.90		U
All Snohomish FB Locations	4	0%	9.60	9.90						< 9.90		U
All Snomomish Locations	15	0%	9.60	10.00						< 10.00		U
Puyallup Watershed												
CBA	2	0%	9.60	10.00						< 10.00		U
CBB	1	0%	9.60	9.60						< 9.60		U
RB53	2	0%	9.70	9.80						< 9.80		U
RB209	2	0%	9.70	10.00						< 10.00		U
AG143	2	0%	9.60	11.00						< 11.00		U
AG62	2	0%	9.70	9.90						< 9.90		U
FB130	2	0%	9.70	9.90						< 9.90		U
FB372	2	0%	9.70	10.00						< 10.00		U
All Puyallup CB Locations	3	0%	9.60	10.00						< 10.00		U
All Puyallup RB Locations	4	0%	9.70	10.00						< 10.00		U
All Puyallup AG Locations	4	0%	9.60	11.00						< 11.00		U
All Puyallup FB Locations	4	0%	9.70	10.00						< 10.00		U
All Puyallup Locations	15	0%	9.60	11.00						< 11.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	9.60	10.00						< 10.00		U
All RB Locations	8	0%	9.70	10.00						< 10.00		U
All AG Locations	8	0%	9.60	11.00						< 11.00		U
All FB Locations	8	0%	9.60	10.00						< 10.00		U
All Locations	30	0%	9.60	11.00						< 11.00		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-143. Summary statistics for toxaphene concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	10.00	50.00						< 50.00		U
CBX	6	0%	10.00	25.00						< 25.00		U
RB111	6	0%	9.90	25.00						< 25.00		U
RB202	6	0%	9.80	26.00						< 26.00		U
AG174	6	0%	9.70	26.00						< 26.00		U
AGG	6	0%	10.00	26.00						< 26.00		U
FB200	6	0%	10.00	26.00						< 26.00		U
FB203	6	0%	9.80	26.00						< 26.00		U
All Snohomish CB Locations	12	0%	10.00	50.00						< 50.00		U
All Snohomish RB Locations	12	0%	9.80	26.00						< 26.00		U
All Snohomish AG Locations	12	0%	9.70	26.00						< 26.00		U
All Snohomish FB Locations	12	0%	9.80	26.00						< 26.00		U
All Snomomish Locations	48	0%	9.70	50.00						< 50.00		U
Puyallup Watershed												
CBA	6	0%	9.60	28.00						< 28.00		U
CBB	6	0%	9.70	26.00						< 26.00		U
RB53	6	0%	9.60	26.00						< 26.00		U
RB209	6	0%	9.70	26.00						< 26.00		U
AG143	6	0%	9.60	25.00						< 25.00		U
AG62	6	0%	9.70	26.00						< 26.00		U
FB130	6	0%	9.80	26.00						< 26.00		U
FB372	6	0%	9.80	26.00						< 26.00		U
All Puyallup CB Locations	12	0%	9.60	28.00						< 28.00		U
All Puyallup RB Locations	12	0%	9.60	26.00						< 26.00		U
All Puyallup AG Locations	12	0%	9.60	26.00						< 26.00		U
All Puyallup FB Locations	12	0%	9.80	26.00						< 26.00		U
All Puyallup Locations	48	0%	9.60	28.00						< 28.00		U
All Monitoring Locations Combined												
All CB Locations	24	0%	9.60	50.00						< 50.00		U
All RB Locations	24	0%	9.60	26.00						< 26.00		U
All AG Locations	24	0%	9.60	26.00						< 26.00		U
All FB Locations	24	0%	9.80	26.00						< 26.00		U
All Locations	96	0%	9.60	50.00						< 50.00		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-144. Summary statistics for trans-chlordane concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-144. Summary statistics for trans-chlordane concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snomomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-145. Summary statistics for trans-nonachlor concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.200	0.200						< 0.200		U
CBX	1	0%	0.200	0.200						< 0.200		U
RB111	2	0%	0.200	0.210						< 0.210		U
RB202	2	0%	0.200	0.200						< 0.200		U
AG174	2	0%	0.190	0.200						< 0.200		U
AGG	2	0%	0.200	0.200						< 0.200		U
FB200	2	0%	0.200	0.200						< 0.200		U
FB203	2	0%	0.190	0.200						< 0.200		U
All Snohomish CB Locations	3	0%	0.200	0.200						< 0.200		U
All Snohomish RB Locations	4	0%	0.200	0.210						< 0.210		U
All Snohomish AG Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish FB Locations	4	0%	0.190	0.200						< 0.200		U
All Snohomish Locations	15	0%	0.190	0.210						< 0.210		U
Puyallup Watershed												
CBA	2	0%	0.200	0.200						< 0.200		U
CBB	1	0%	0.200	0.200						< 0.200		U
RB53	2	0%	0.200	0.200						< 0.200		U
RB209	2	0%	0.200	0.200						< 0.200		U
AG143	2	0%	0.200	0.220						< 0.220		U
AG62	2	0%	0.200	0.200						< 0.200		U
FB130	2	0%	0.200	0.200						< 0.200		U
FB372	2	0%	0.200	0.200						< 0.200		U
All Puyallup CB Locations	3	0%	0.200	0.200						< 0.200		U
All Puyallup RB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup AG Locations	4	0%	0.200	0.220						< 0.220		U
All Puyallup FB Locations	4	0%	0.200	0.200						< 0.200		U
All Puyallup Locations	15	0%	0.200	0.220						< 0.220		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.200	0.200						< 0.200		U
All RB Locations	8	0%	0.200	0.210						< 0.210		U
All AG Locations	8	0%	0.190	0.220						< 0.220		U
All FB Locations	8	0%	0.190	0.200						< 0.200		U
All Locations	30	0%	0.190	0.220						< 0.220		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-145. Summary statistics for trans-nonachlor concentrations in ng/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.210	3.000						< 3.000		U
CBX	6	0%	0.200	2.500						< 2.500		U
RB111	6	0%	0.200	2.500						< 2.500		U
RB202	6	0%	0.200	2.600						< 2.600		U
AG174	6	0%	0.200	2.600						< 2.600		U
AGG	6	0%	0.210	2.600						< 2.600		U
FB200	6	0%	0.200	2.600						< 2.600		U
FB203	6	0%	0.200	2.600						< 2.600		U
All Snohomish CB Locations	12	0%	0.200	3.000						< 3.000		U
All Snohomish RB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish AG Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish FB Locations	12	0%	0.200	2.600						< 2.600		U
All Snohomish Locations	48	0%	0.200	3.000						< 3.000		U
Puyallup Watershed												
CBA	6	0%	0.200	2.800						< 2.800		U
CBB	6	0%	0.200	2.600						< 2.600		U
RB53	6	0%	0.200	2.600						< 2.600		U
RB209	6	0%	0.200	2.600						< 2.600		U
AG143	6	0%	0.200	2.500						< 2.500		U
AG62	6	0%	0.200	2.600						< 2.600		U
FB130	6	0%	0.200	2.600						< 2.600		U
FB372	6	0%	0.200	2.600						< 2.600		U
All Puyallup CB Locations	12	0%	0.200	2.800						< 2.800		U
All Puyallup RB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup AG Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup FB Locations	12	0%	0.200	2.600						< 2.600		U
All Puyallup Locations	48	0%	0.200	2.800						< 2.800		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.200	3.000						< 3.000		U
All RB Locations	24	0%	0.200	2.600						< 2.600		U
All AG Locations	24	0%	0.200	2.600						< 2.600		U
All FB Locations	24	0%	0.200	2.600						< 2.600		U
All Locations	96	0%	0.200	3.000						< 3.000		U

ng/L = nanograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-146. Summary statistics for #2 diesel concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.050	0.050						< 0.050		U
CBX	1	0%	0.050	0.050						< 0.050		U
RB111	2	0%	0.050	0.050						< 0.050		U
RB202	2	0%	0.050	0.050						< 0.050		U
AG174	2	0%	0.050	0.050						< 0.050		U
AGG	2	0%	0.050	0.050						< 0.050		U
FB200	2	0%	0.050	0.050						< 0.050		U
FB203	2	0%	0.050	0.050						< 0.050		U
All Snohomish CB Locations	3	0%	0.050	0.050						< 0.050		U
All Snohomish RB Locations	4	0%	0.050	0.050						< 0.050		U
All Snohomish AG Locations	4	0%	0.050	0.050						< 0.050		U
All Snohomish FB Locations	4	0%	0.050	0.050						< 0.050		U
All Snomomish Locations	15	0%	0.050	0.050						< 0.050		U
Puyallup Watershed												
CBA	2	0%	0.050	0.050						< 0.050		U
CBB	1	0%	0.050	0.050						< 0.050		U
RB53	2	0%	0.050	0.050						< 0.050		U
RB209	2	0%	0.050	0.050						< 0.050		U
AG143	2	0%	0.050	0.050						< 0.050		U
AG62	2	0%	0.050	0.050						< 0.050		U
FB130	2	0%	0.050	0.050						< 0.050		U
FB372	2	0%	0.050	0.050						< 0.050		U
All Puyallup CB Locations	3	0%	0.050	0.050						< 0.050		U
All Puyallup RB Locations	4	0%	0.050	0.050						< 0.050		U
All Puyallup AG Locations	4	0%	0.050	0.050						< 0.050		U
All Puyallup FB Locations	4	0%	0.050	0.050						< 0.050		U
All Puyallup Locations	15	0%	0.050	0.050						< 0.050		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.050	0.050						< 0.050		U
All RB Locations	8	0%	0.050	0.050						< 0.050		U
All AG Locations	8	0%	0.050	0.050						< 0.050		U
All FB Locations	8	0%	0.050	0.050						< 0.050		U
All Locations	30	0%	0.050	0.050						< 0.050		U

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-146. Summary statistics for #2 diesel concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.050	0.060						< 0.060		U
CBX	6	0%	0.050	0.050						< 0.050		U
RB111	6	0%	0.050	0.050						< 0.050		U
RB202	6	0%	0.050	0.050						< 0.050		U
AG174	6	0%	0.050	0.050						< 0.050		U
AGG	6	0%	0.050	0.050						< 0.050		U
FB200	6	0%	0.050	0.050						< 0.050		U
FB203	6	0%	0.050	0.060						< 0.060		U
All Snohomish CB Locations	12	0%	0.050	0.060						< 0.060		U
All Snohomish RB Locations	12	0%	0.050	0.050						< 0.050		U
All Snohomish AG Locations	12	0%	0.050	0.050						< 0.050		U
All Snohomish FB Locations	12	0%	0.050	0.060						< 0.060		U
All Snomomish Locations	48	0%	0.050	0.060						< 0.060		U
Puyallup Watershed												
CBA	6	0%	0.050	0.050						< 0.050		U
CBB	6	0%	0.050	0.070						< 0.070		U
RB53	6	0%	0.050	0.050						< 0.050		U
RB209	6	0%	0.050	0.050						< 0.050		U
AG143	6	0%	0.050	0.050						< 0.050		U
AG62	6	0%	0.050	0.050						< 0.050		U
FB130	6	0%	0.050	0.050						< 0.050		U
FB372	6	0%	0.050	0.050						< 0.050		U
All Puyallup CB Locations	12	0%	0.050	0.070						< 0.070		U
All Puyallup RB Locations	12	0%	0.050	0.050						< 0.050		U
All Puyallup AG Locations	12	0%	0.050	0.050						< 0.050		U
All Puyallup FB Locations	12	0%	0.050	0.050						< 0.050		U
All Puyallup Locations	48	0%	0.050	0.070						< 0.070		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.050	0.070						< 0.070		U
All RB Locations	24	0%	0.050	0.050						< 0.050		U
All AG Locations	24	0%	0.050	0.050						< 0.050		U
All FB Locations	24	0%	0.050	0.060						< 0.060		U
All Locations	96	0%	0.050	0.070						< 0.070		U

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-147. Summary statistics for gasoline concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.14	0.14						< 0.14		U
CBX	1	0%	0.14	0.14						< 0.14		U
RB111	2	0%	0.14	0.14						< 0.14		U
RB202	2	0%	0.14	0.14						< 0.14		U
AG174	2	0%	0.14	0.14						< 0.14		U
AGG	2	0%	0.14	0.14						< 0.14		U
FB200	2	0%	0.14	0.14						< 0.14		U
FB203	2	0%	0.14	0.14						< 0.14		U
All Snohomish CB Locations	3	0%	0.14	0.14						< 0.14		U
All Snohomish RB Locations	4	0%	0.14	0.14						< 0.14		U
All Snohomish AG Locations	4	0%	0.14	0.14						< 0.14		U
All Snohomish FB Locations	4	0%	0.14	0.14						< 0.14		U
All Snomomish Locations	15	0%	0.14	0.14						< 0.14		U
Puyallup Watershed												
CBA	2	0%	0.14	0.14						< 0.14		U
CBB	1	0%	0.14	0.14						< 0.14		U
RB53	2	0%	0.14	0.14						< 0.14		U
RB209	2	0%	0.14	0.14						< 0.14		U
AG143	2	0%	0.14	0.14						< 0.14		U
AG62	2	0%	0.14	0.14						< 0.14		U
FB130	2	0%	0.14	0.14						< 0.14		U
FB372	2	0%	0.14	0.14						< 0.14		U
All Puyallup CB Locations	3	0%	0.14	0.14						< 0.14		U
All Puyallup RB Locations	4	0%	0.14	0.14						< 0.14		U
All Puyallup AG Locations	4	0%	0.14	0.14						< 0.14		U
All Puyallup FB Locations	4	0%	0.14	0.14						< 0.14		U
All Puyallup Locations	15	0%	0.14	0.14						< 0.14		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.14	0.14						< 0.14		U
All RB Locations	8	0%	0.14	0.14						< 0.14		U
All AG Locations	8	0%	0.14	0.14						< 0.14		U
All FB Locations	8	0%	0.14	0.14						< 0.14		U
All Locations	30	0%	0.14	0.14						< 0.14		U

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-147. Summary statistics for gasoline concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.14	0.14						< 0.14		U
CBX	6	0%	0.14	0.14						< 0.14		U
RB111	6	0%	0.14	0.14						< 0.14		U
RB202	6	0%	0.14	0.14						< 0.14		U
AG174	6	0%	0.14	0.14						< 0.14		U
AGG	6	0%	0.14	0.14						< 0.14		U
FB200	6	0%	0.14	0.14						< 0.14		U
FB203	6	0%	0.14	0.14						< 0.14		U
All Snohomish CB Locations	12	0%	0.14	0.14						< 0.14		U
All Snohomish RB Locations	12	0%	0.14	0.14						< 0.14		U
All Snohomish AG Locations	12	0%	0.14	0.14						< 0.14		U
All Snohomish FB Locations	12	0%	0.14	0.14						< 0.14		U
All Snohomish Locations	48	0%	0.14	0.14						< 0.14		U
Puyallup Watershed												
CBA	6	0%	0.14	0.14						< 0.14		U
CBB	6	0%	0.14	0.14						< 0.14		U
RB53	6	0%	0.14	0.14						< 0.14		U
RB209	6	0%	0.14	0.14						< 0.14		U
AG143	6	0%	0.14	0.14						< 0.14		U
AG62	6	0%	0.14	0.14						< 0.14		U
FB130	6	0%	0.14	0.14						< 0.14		U
FB372	6	0%	0.14	0.14						< 0.14		U
All Puyallup CB Locations	12	0%	0.14	0.14						< 0.14		U
All Puyallup RB Locations	12	0%	0.14	0.14						< 0.14		U
All Puyallup AG Locations	12	0%	0.14	0.14						< 0.14		U
All Puyallup FB Locations	12	0%	0.14	0.14						< 0.14		U
All Puyallup Locations	48	0%	0.14	0.14						< 0.14		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.14	0.14						< 0.14		U
All RB Locations	24	0%	0.14	0.14						< 0.14		U
All AG Locations	24	0%	0.14	0.14						< 0.14		U
All FB Locations	24	0%	0.14	0.14						< 0.14		U
All Locations	96	0%	0.14	0.14						< 0.14		U

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-148. Summary statistics for lube oil (TPH-Dx) concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.120	0.120						< 0.120		U
CBX	1	0%	0.120	0.120						< 0.120		U
RB111	2	0%	0.120	0.130						< 0.130		U
RB202	2	0%	0.120	0.120						< 0.120		U
AG174	2	0%	0.120	0.120						< 0.120		U
AGG	2	0%	0.120	0.120						< 0.120		U
FB200	2	0%	0.120	0.120						< 0.120		U
FB203	2	0%	0.120	0.120						< 0.120		U
All Snohomish CB Locations	3	0%	0.120	0.120						< 0.120		U
All Snohomish RB Locations	4	0%	0.120	0.130						< 0.130		U
All Snohomish AG Locations	4	0%	0.120	0.120						< 0.120		U
All Snohomish FB Locations	4	0%	0.120	0.120						< 0.120		U
All Snohomish Locations	15	0%	0.120	0.130						< 0.130		U
Puyallup Watershed												
CBA	2	0%	0.120	0.120						< 0.120		U
CBB	1	0%	0.120	0.120						< 0.120		U
RB53	2	0%	0.120	0.120						< 0.120		U
RB209	2	0%	0.120	0.120						< 0.120		U
AG143	2	0%	0.120	0.130						< 0.130		U
AG62	2	0%	0.120	0.130						< 0.130		U
FB130	2	0%	0.120	0.120						< 0.120		U
FB372	2	0%	0.120	0.120						< 0.120		U
All Puyallup CB Locations	3	0%	0.120	0.120						< 0.120		U
All Puyallup RB Locations	4	0%	0.120	0.120						< 0.120		U
All Puyallup AG Locations	4	0%	0.120	0.130						< 0.130		U
All Puyallup FB Locations	4	0%	0.120	0.120						< 0.120		U
All Puyallup Locations	15	0%	0.120	0.130						< 0.130		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.120	0.120						< 0.120		U
All RB Locations	8	0%	0.120	0.130						< 0.130		U
All AG Locations	8	0%	0.120	0.130						< 0.130		U
All FB Locations	8	0%	0.120	0.120						< 0.120		U
All Locations	30	0%	0.120	0.130						< 0.130		U

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-148. Summary statistics for lube oil (TPH-Dx) concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.120	0.140	0.175	0.195	0.070	0.140	0.210	0.240	0.070	
CBX	6	83%	0.120	0.120	0.153	0.145	0.060	0.140	0.160	0.270	0.020	
RB111	6	0%	0.120	0.120						< 0.120		U
RB202	6	0%	0.120	0.130						< 0.130		U
AG174	6	0%	0.120	0.130						< 0.130		U
AGG	6	0%	0.120	0.120						< 0.120		U
FB200	6	0%	0.120	0.130						< 0.130		U
FB203	6	0%	0.120	0.150						< 0.150		U
All Snohomish CB Locations	12	83%	0.120	0.140	0.164	0.155	0.060	0.140	0.210	0.270	0.070	
All Snohomish RB Locations	12	0%	0.120	0.130						< 0.130		U
All Snohomish AG Locations	12	0%	0.120	0.130						< 0.130		U
All Snohomish FB Locations	12	0%	0.120	0.150						< 0.150		U
All Snomomish Locations	48	21%	0.120	0.150	0.087	0.060	0.060	0.060	0.067	0.270	0.007	E
Puyallup Watershed												
CBA	6	17%	0.120	0.130	0.078	0.062	0.060	0.060	0.065	0.160	0.005	E
CBB	6	83%	0.120	0.170	0.183	0.215	0.060	0.140	0.230	0.240	0.090	
RB53	6	0%	0.120	0.120						< 0.120		U
RB209	6	0%	0.120	0.130						< 0.130		U
AG143	6	0%	0.120	0.130						< 0.130		U
AG62	6	0%	0.120	0.140						< 0.140		U
FB130	6	0%	0.120	0.130						< 0.130		U
FB372	6	0%	0.120	0.130						< 0.130		U
All Puyallup CB Locations	12	50%	0.120	0.170	0.131	0.102	0.060	0.060	0.215	0.240	0.155	E
All Puyallup RB Locations	12	0%	0.120	0.130						< 0.130		U
All Puyallup AG Locations	12	0%	0.120	0.140						< 0.140		U
All Puyallup FB Locations	12	0%	0.120	0.130						< 0.130		U
All Puyallup Locations	48	13%	0.120	0.170	0.079	0.060	0.060	0.060	0.065	0.240	0.005	E
All Monitoring Locations Combined												
All CB Locations	24	67%	0.120	0.170	0.147	0.145	0.060	0.065	0.210	0.270	0.145	
All RB Locations	24	0%	0.120	0.130						< 0.130		U
All AG Locations	24	0%	0.120	0.140						< 0.140		U
All FB Locations	24	0%	0.120	0.150						< 0.150		U
All Locations	96	17%	0.120	0.170	0.083	0.060	0.060	0.060	0.065	0.270	0.005	E

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-149. Summary statistics for oil and grease concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.40	0.40						< 0.40		U
CBX	1	0%	0.40	0.40						< 0.40		U
RB111	2	0%	0.40	0.40						< 0.40		U
RB202	2	0%	0.40	0.40						< 0.40		U
AG174	2	0%	0.40	0.40						< 0.40		U
AGG	2	0%	0.40	0.40						< 0.40		U
FB200	2	0%	0.40	0.40						< 0.40		U
FB203	2	0%	0.40	0.40						< 0.40		U
All Snohomish CB Locations	3	0%	0.40	0.40						< 0.40		U
All Snohomish RB Locations	4	0%	0.40	0.40						< 0.40		U
All Snohomish AG Locations	4	0%	0.40	0.40						< 0.40		U
All Snohomish FB Locations	4	0%	0.40	0.40						< 0.40		U
All Snomomish Locations	15	0%	0.40	0.40						< 0.40		U
Puyallup Watershed												
CBA	2	0%	0.40	0.40						< 0.40		U
CBB	1	100%	0.40	0.40		0.40						
RB53	2	50%	0.40	0.40	0.30	0.30	0.20			0.40		E
RB209	2	50%	0.40	0.40	0.30	0.30	0.20			0.40		E
AG143	2	50%	0.40	0.40	0.40	0.40	0.20			0.60		E
AG62	2	0%	0.40	0.40						< 0.40		U
FB130	2	50%	0.40	0.40	0.30	0.30	0.20			0.40		E
FB372	2	50%	0.40	0.40	0.85	0.85	0.20			1.50		E
All Puyallup CB Locations	3	33%	0.40	0.40	0.27	0.20	0.20	0.20	0.35	0.40	0.15	E
All Puyallup RB Locations	4	50%	0.40	0.40	0.30	0.30	0.20	0.20	0.40	0.40	0.20	E
All Puyallup AG Locations	4	25%	0.40	0.40	0.30	0.20	0.20	0.20	0.40	0.60	0.20	E
All Puyallup FB Locations	4	50%	0.40	0.40	0.57	0.30	0.20	0.20	0.95	1.50	0.75	E
All Puyallup Locations	15	40%	0.40	0.40	0.37	0.20	0.20	0.20	0.40	1.50	0.20	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.40	0.40	0.23	0.20	0.20	0.20	0.20	0.40	0.00	E
All RB Locations	8	25%	0.40	0.40	0.25	0.20	0.20	0.20	0.30	0.40	0.10	E
All AG Locations	8	13%	0.40	0.40	0.25	0.20	0.20	0.20	0.20	0.60	0.00	E
All FB Locations	8	25%	0.40	0.40	0.39	0.20	0.20	0.20	0.30	1.50	0.10	E
All Locations	30	20%	0.40	0.40	0.28	0.20	0.20	0.20	0.20	1.50	0.00	E

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-149. Summary statistics for oil and grease concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	67%	0.40	0.40	0.48	0.50	0.20	0.20	0.70	0.80	0.50	
CBX	6	33%	0.40	0.40	0.27	0.20	0.20	0.20	0.40	0.40	0.20	E
RB111	6	33%	0.40	0.40	0.32	0.20	0.20	0.20	0.50	0.60	0.30	E
RB202	6	17%	0.40	0.40	0.33	0.20	0.20	0.20	0.20	1.00	0.00	E
AG174	6	17%	0.40	0.40	0.25	0.20	0.20	0.20	0.20	0.50	0.00	E
AGG	6	17%	0.40	0.40	0.27	0.20	0.20	0.20	0.20	0.60	0.00	E
FB200	6	33%	0.40	0.40	0.38	0.20	0.20	0.20	0.50	1.00	0.30	E
FB203	6	33%	0.40	0.40	0.28	0.20	0.20	0.20	0.40	0.50	0.20	E
All Snohomish CB Locations	12	50%	0.40	0.40	0.38	0.30	0.20	0.20	0.50	0.80	0.30	E
All Snohomish RB Locations	12	25%	0.40	0.40	0.33	0.20	0.20	0.20	0.35	1.00	0.15	E
All Snohomish AG Locations	12	17%	0.40	0.40	0.26	0.20	0.20	0.20	0.20	0.60	0.00	E
All Snohomish FB Locations	12	33%	0.40	0.40	0.33	0.20	0.20	0.20	0.45	1.00	0.25	E
All Snomomish Locations	48	31%	0.40	0.40	0.32	0.20	0.20	0.20	0.40	1.00	0.20	E
Puyallup Watershed												
CBA	6	17%	0.40	0.40	0.23	0.20	0.20	0.20	0.20	0.40	0.00	E
CBB	6	33%	0.40	0.40	0.38	0.20	0.20	0.20	0.70	0.80	0.50	E
RB53	6	17%	0.40	0.40	0.25	0.20	0.20	0.20	0.20	0.50	0.00	E
RB209	6	17%	0.40	0.40	0.23	0.20	0.20	0.20	0.20	0.40	0.00	E
AG143	6	17%	0.40	0.40	0.50	0.20	0.20	0.20	0.20	2.00	0.00	E
AG62	6	0%	0.40	0.40						< 0.40		U
FB130	6	0%	0.40	0.40						< 0.40		U
FB372	6	0%	0.40	0.50						< 0.50		U
All Puyallup CB Locations	12	25%	0.40	0.40	0.31	0.20	0.20	0.20	0.30	0.80	0.10	E
All Puyallup RB Locations	12	17%	0.40	0.40	0.24	0.20	0.20	0.20	0.20	0.50	0.00	E
All Puyallup AG Locations	12	8%	0.40	0.40	0.35	0.20	0.20	0.20	0.20	2.00	0.00	E
All Puyallup FB Locations	12	0%	0.40	0.50						< 0.50		U
All Puyallup Locations	48	13%	0.40	0.50	0.28	0.20	0.20	0.20	0.20	2.00	0.00	E
All Monitoring Locations Combined												
All CB Locations	24	38%	0.40	0.40	0.34	0.20	0.20	0.20	0.40	0.80	0.20	E
All RB Locations	24	21%	0.40	0.40	0.28	0.20	0.20	0.20	0.20	1.00	0.00	E
All AG Locations	24	13%	0.40	0.40	0.30	0.20	0.20	0.20	0.20	2.00	0.00	E
All FB Locations	24	17%	0.40	0.50	0.27	0.20	0.20	0.20	0.20	1.00	0.00	E
All Locations	96	22%	0.40	0.50	0.30	0.20	0.20	0.20	0.20	2.00	0.00	E

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-150. Summary statistics for lube oil (TPH-DOG) concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.03	0.04						< 0.04		U
CBX	1	0%	0.03	0.03						< 0.03		U
RB111	2	0%	0.03	0.04						< 0.04		U
RB202	2	0%	0.03	0.04						< 0.04		U
AG174	2	0%	0.03	0.05						< 0.05		U
AGG	2	50%	0.03	0.03	0.03	0.03	0.02			0.04		E
FB200	2	0%	0.03	0.04						< 0.04		U
FB203	2	0%	0.03	0.04						< 0.04		U
All Snohomish CB Locations	3	0%	0.03	0.04						< 0.04		U
All Snohomish RB Locations	4	0%	0.03	0.04						< 0.04		U
All Snohomish AG Locations	4	25%	0.03	0.05	0.02	0.02	0.02	0.02	0.03	0.04	0.02	E
All Snohomish FB Locations	4	0%	0.03	0.04						< 0.04		U
All Snomomish Locations	15	7%	0.03	0.05	0.02	0.02	0.02	0.02	0.02	0.04	0.00	E
Puyallup Watershed												
CBA	2	0%	0.03	0.04						< 0.04		U
CBB	1	0%	0.03	0.03						< 0.03		U
RB53	2	0%	0.03	0.04						< 0.04		U
RB209	2	0%	0.03	0.04						< 0.04		U
AG143	2	0%	0.03	0.03						< 0.03		U
AG62	2	0%	0.03	0.04						< 0.04		U
FB130	2	0%	0.03	0.03						< 0.03		U
FB372	2	0%	0.03	0.04						< 0.04		U
All Puyallup CB Locations	3	0%	0.03	0.04						< 0.04		U
All Puyallup RB Locations	4	0%	0.03	0.04						< 0.04		U
All Puyallup AG Locations	4	0%	0.03	0.04						< 0.04		U
All Puyallup FB Locations	4	0%	0.03	0.04						< 0.04		U
All Puyallup Locations	15	0%	0.03	0.04						< 0.04		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.03	0.04						< 0.04		U
All RB Locations	8	0%	0.03	0.04						< 0.04		U
All AG Locations	8	13%	0.03	0.05	0.02	0.02	0.02	0.02	0.02	0.04	0.00	E
All FB Locations	8	0%	0.03	0.04						< 0.04		U
All Locations	30	3%	0.03	0.05	0.02	0.02	0.02	0.02	0.02	0.04	0.00	E

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-150. Summary statistics for lube oil (TPH-DOG) concentrations in mg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.03	0.04	0.11	0.12	0.02	0.07	0.13	0.21	0.06	
CBX	6	100%	0.03	0.03	0.10	0.09	0.03	0.07	0.12	0.22	0.05	
RB111	6	17%	0.03	0.03	0.02	0.02	0.01	0.01	0.02	0.03	0.00	E
RB202	6	50%	0.03	0.03	0.02	0.02	0.01	0.01	0.03	0.04	0.02	E
AG174	6	0%	0.03	0.04						< 0.04		U
AGG	6	17%	0.03	0.03	0.03	0.02	0.01	0.01	0.02	0.08	0.00	E
FB200	6	17%	0.03	0.03	0.02	0.02	0.01	0.01	0.02	0.06	0.00	E
FB203	6	33%	0.03	0.03	0.03	0.02	0.01	0.01	0.04	0.05	0.03	E
All Snohomish CB Locations	12	92%	0.03	0.04	0.11	0.11	0.02	0.07	0.13	0.22	0.06	
All Snohomish RB Locations	12	33%	0.03	0.03	0.02	0.02	0.01	0.01	0.03	0.04	0.01	E
All Snohomish AG Locations	12	8%	0.03	0.04	0.02	0.02	0.01	0.01	0.02	0.08	0.00	E
All Snohomish FB Locations	12	25%	0.03	0.03	0.02	0.02	0.01	0.01	0.03	0.06	0.01	E
All Snomomish Locations	48	40%	0.03	0.04	0.04	0.02	0.01	0.01	0.05	0.22	0.04	E
Puyallup Watershed												
CBA	6	33%	0.03	0.03	0.03	0.02	0.02	0.02	0.03	0.06	0.02	E
CBB	6	83%	0.03	0.03	0.10	0.10	0.02	0.06	0.12	0.19	0.06	
RB53	6	0%	0.03	0.03						< 0.03		U
RB209	6	0%	0.03	0.03						< 0.03		U
AG143	6	17%	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.04	0.00	E
AG62	6	0%	0.03	0.03						< 0.03		U
FB130	6	0%	0.03	0.03						< 0.03		U
FB372	6	0%	0.03	0.05						< 0.05		U
All Puyallup CB Locations	12	58%	0.03	0.03	0.06	0.05	0.02	0.02	0.10	0.19	0.09	
All Puyallup RB Locations	12	0%	0.03	0.03						< 0.03		U
All Puyallup AG Locations	12	8%	0.03	0.03	0.02	0.02	0.01	0.02	0.02	0.04	0.00	E
All Puyallup FB Locations	12	0%	0.03	0.05						< 0.05		U
All Puyallup Locations	48	17%	0.03	0.05	0.03	0.02	0.01	0.02	0.02	0.19	0.00	E
All Monitoring Locations Combined												
All CB Locations	24	75%	0.03	0.04	0.09	0.08	0.02	0.03	0.12	0.22	0.09	
All RB Locations	24	17%	0.03	0.03	0.02	0.02	0.01	0.02	0.02	0.04	0.00	E
All AG Locations	24	8%	0.03	0.04	0.02	0.02	0.01	0.02	0.02	0.08	0.00	E
All FB Locations	24	13%	0.03	0.05	0.02	0.02	0.01	0.02	0.02	0.06	0.00	E
All Locations	96	28%	0.03	0.05	0.04	0.02	0.01	0.02	0.03	0.22	0.02	E

mg/L = milligrams per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-151. Summary statistics for bis(2-ethylhexyl) phthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.160	0.160						< 0.160		U
CBX	1	0%	0.160	0.160						< 0.160		U
RB111	2	50%	0.150	0.160	6.040	6.040	0.080			12.000		E
RB202	2	0%	0.170	0.170						< 0.170		U
AG174	2	0%	0.160	0.160						< 0.160		U
AGG	2	0%	0.160	0.170						< 0.170		U
FB200	2	0%	0.150	0.160						< 0.160		U
FB203	2	0%	0.160	0.170						< 0.170		U
All Snohomish CB Locations	3	0%	0.160	0.160						< 0.160		U
All Snohomish RB Locations	4	25%	0.150	0.170	3.062	0.085	0.080	0.082	6.043	12.000	5.960	E
All Snohomish AG Locations	4	0%	0.160	0.170						< 0.170		U
All Snohomish FB Locations	4	0%	0.150	0.170						< 0.170		U
All Snomomish Locations	15	7%	0.150	0.170	0.876	0.080	0.075	0.080	0.085	12.000	0.005	E
Puyallup Watershed												
CBA	2	0%	0.160	0.160						< 0.160		U
CBB	1	0%	0.150	0.150						< 0.150		U
RB53	2	0%	0.160	0.170						< 0.170		U
RB209	2	0%	0.160	0.170						< 0.170		U
AG143	2	0%	0.160	0.160						< 0.160		U
AG62	2	0%	0.160	0.160						< 0.160		U
FB130	2	0%	0.150	0.160						< 0.160		U
FB372	2	0%	0.160	0.170						< 0.170		U
All Puyallup CB Locations	3	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	4	0%	0.160	0.170						< 0.170		U
All Puyallup AG Locations	4	0%	0.160	0.160						< 0.160		U
All Puyallup FB Locations	4	0%	0.150	0.170						< 0.170		U
All Puyallup Locations	15	0%	0.150	0.170						< 0.170		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.150	0.160						< 0.160		U
All RB Locations	8	13%	0.150	0.170	1.572	0.085	0.080	0.080	0.085	12.000	0.005	E
All AG Locations	8	0%	0.160	0.170						< 0.170		U
All FB Locations	8	0%	0.150	0.170						< 0.170		U
All Locations	30	3%	0.150	0.170	0.478	0.080	0.075	0.080	0.085	12.000	0.005	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-151. Summary statistics for bis(2-ethylhexyl) phthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.160	0.170	1.006	0.995	0.085	0.960	1.500	1.500	0.540	
CBX	6	17%	0.150	0.510	0.261	0.215	0.120	0.170	0.255	0.590	0.085	E
RB111	6	17%	0.160	0.470	0.109	0.080	0.080	0.080	0.100	0.235	0.020	E
RB202	6	17%	0.160	0.180	0.082	0.080	0.070	0.080	0.090	0.090	0.010	E
AG174	6	17%	0.160	0.170	0.079	0.080	0.070	0.080	0.080	0.085	0.000	E
AGG	6	17%	0.150	0.230	0.083	0.080	0.070	0.075	0.080	0.115	0.005	E
FB200	6	17%	0.160	0.170	0.078	0.080	0.060	0.080	0.080	0.085	0.000	E
FB203	6	17%	0.160	0.160	0.077	0.080	0.060	0.080	0.080	0.080	0.000	E
All Snohomish CB Locations	12	50%	0.150	0.510	0.633	0.422	0.085	0.180	0.995	1.500	0.815	E
All Snohomish RB Locations	12	17%	0.160	0.470	0.095	0.080	0.070	0.080	0.090	0.235	0.010	E
All Snohomish AG Locations	12	17%	0.150	0.230	0.081	0.080	0.070	0.078	0.080	0.115	0.002	E
All Snohomish FB Locations	12	17%	0.160	0.170	0.077	0.080	0.060	0.080	0.080	0.085	0.000	E
All Snomomish Locations	48	25%	0.150	0.510	0.222	0.080	0.060	0.080	0.117	1.500	0.038	E
Puyallup Watershed												
CBA	6	50%	0.150	0.250	0.264	0.218	0.080	0.090	0.470	0.510	0.380	E
CBB	6	67%	0.150	0.440	0.457	0.395	0.105	0.220	0.530	1.100	0.310	
RB53	6	17%	0.150	0.200	0.087	0.080	0.075	0.080	0.100	0.110	0.020	E
RB209	6	17%	0.150	0.170	0.086	0.080	0.075	0.075	0.085	0.120	0.010	E
AG143	6	33%	0.160	0.220	0.097	0.090	0.080	0.080	0.110	0.130	0.030	E
AG62	6	33%	0.150	0.160	0.098	0.080	0.075	0.080	0.090	0.180	0.010	E
FB130	6	33%	0.160	0.170	0.129	0.082	0.080	0.080	0.090	0.360	0.010	E
FB372	6	33%	0.150	0.190	0.128	0.080	0.080	0.080	0.180	0.270	0.100	E
All Puyallup CB Locations	12	58%	0.150	0.440	0.361	0.340	0.080	0.115	0.490	1.100	0.375	
All Puyallup RB Locations	12	17%	0.150	0.200	0.087	0.080	0.075	0.078	0.093	0.120	0.015	E
All Puyallup AG Locations	12	33%	0.150	0.220	0.097	0.080	0.075	0.080	0.105	0.180	0.025	E
All Puyallup FB Locations	12	33%	0.150	0.190	0.129	0.080	0.080	0.080	0.135	0.360	0.055	E
All Puyallup Locations	48	35%	0.150	0.440	0.168	0.085	0.075	0.080	0.155	1.100	0.075	E
All Monitoring Locations Combined												
All CB Locations	24	54%	0.150	0.510	0.497	0.340	0.080	0.148	0.775	1.500	0.627	
All RB Locations	24	17%	0.150	0.470	0.091	0.080	0.070	0.080	0.090	0.235	0.010	E
All AG Locations	24	25%	0.150	0.230	0.089	0.080	0.070	0.080	0.088	0.180	0.007	E
All FB Locations	24	25%	0.150	0.190	0.103	0.080	0.060	0.080	0.082	0.360	0.002	E
All Locations	96	30%	0.150	0.510	0.195	0.080	0.060	0.080	0.127	1.500	0.047	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-152. Summary statistics for butyl benzyl phthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.320	0.320						< 0.320		U
CBX	1	0%	0.320	0.320						< 0.320		U
RB111	2	0%	0.310	0.320						< 0.320		U
RB202	2	0%	0.330	0.330						< 0.330		U
AG174	2	0%	0.320	0.320						< 0.320		U
AGG	2	0%	0.320	0.330						< 0.330		U
FB200	2	0%	0.310	0.320						< 0.320		U
FB203	2	0%	0.310	0.340						< 0.340		U
All Snohomish CB Locations	3	0%	0.320	0.320						< 0.320		U
All Snohomish RB Locations	4	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	4	0%	0.320	0.330						< 0.330		U
All Snohomish FB Locations	4	0%	0.310	0.340						< 0.340		U
All Snomomish Locations	15	0%	0.310	0.340						< 0.340		U
Puyallup Watershed												
CBA	2	0%	0.330	0.330						< 0.330		U
CBB	1	0%	0.310	0.310						< 0.310		U
RB53	2	0%	0.330	0.330						< 0.330		U
RB209	2	0%	0.320	0.330						< 0.330		U
AG143	2	0%	0.320	0.330						< 0.330		U
AG62	2	0%	0.330	0.330						< 0.330		U
FB130	2	0%	0.310	0.320						< 0.320		U
FB372	2	0%	0.320	0.330						< 0.330		U
All Puyallup CB Locations	3	0%	0.310	0.330						< 0.330		U
All Puyallup RB Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup AG Locations	4	0%	0.320	0.330						< 0.330		U
All Puyallup FB Locations	4	0%	0.310	0.330						< 0.330		U
All Puyallup Locations	15	0%	0.310	0.330						< 0.330		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.310	0.330						< 0.330		U
All RB Locations	8	0%	0.310	0.330						< 0.330		U
All AG Locations	8	0%	0.320	0.330						< 0.330		U
All FB Locations	8	0%	0.310	0.340						< 0.340		U
All Locations	30	0%	0.310	0.340						< 0.340		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-152. Summary statistics for butyl benzyl phthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.310	0.340						< 0.340		U
CBX	6	17%	0.310	0.340	0.436	0.165	0.155	0.160	0.170	1.800	0.010	E
RB111	6	0%	0.310	0.330						< 0.330		U
RB202	6	0%	0.320	0.330						< 0.330		U
AG174	6	0%	0.320	0.330						< 0.330		U
AGG	6	0%	0.310	0.330						< 0.330		U
FB200	6	0%	0.310	0.330						< 0.330		U
FB203	6	0%	0.310	0.330						< 0.330		U
All Snohomish CB Locations	12	8%	0.310	0.340	0.299	0.162	0.155	0.160	0.168	1.800	0.007	E
All Snohomish RB Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish AG Locations	12	0%	0.310	0.330						< 0.330		U
All Snohomish FB Locations	12	0%	0.310	0.330						< 0.330		U
All Snomomish Locations	48	2%	0.310	0.340	0.195	0.160	0.155	0.160	0.165	1.800	0.005	E
Puyallup Watershed												
CBA	6	0%	0.300	0.330						< 0.330		U
CBB	6	33%	0.310	0.330	0.242	0.157	0.060	0.155	0.165	0.760	0.010	E
RB53	6	0%	0.310	0.330						< 0.330		U
RB209	6	0%	0.310	0.330						< 0.330		U
AG143	6	0%	0.310	0.330						< 0.330		U
AG62	6	0%	0.310	0.330						< 0.330		U
FB130	6	0%	0.310	0.330						< 0.330		U
FB372	6	0%	0.310	0.370						< 0.370		U
All Puyallup CB Locations	12	17%	0.300	0.330	0.200	0.155	0.060	0.155	0.162	0.760	0.007	E
All Puyallup RB Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup AG Locations	12	0%	0.310	0.330						< 0.330		U
All Puyallup FB Locations	12	0%	0.310	0.370						< 0.370		U
All Puyallup Locations	48	4%	0.300	0.370	0.170	0.160	0.060	0.155	0.165	0.760	0.010	E
All Monitoring Locations Combined												
All CB Locations	24	13%	0.300	0.340	0.249	0.160	0.060	0.155	0.165	1.800	0.010	E
All RB Locations	24	0%	0.310	0.330						< 0.330		U
All AG Locations	24	0%	0.310	0.330						< 0.330		U
All FB Locations	24	0%	0.310	0.370						< 0.370		U
All Locations	96	3%	0.300	0.370	0.183	0.160	0.060	0.155	0.165	1.800	0.010	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-153. Summary statistics for diethyl phthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.160	0.160						< 0.160		U
CBX	1	0%	0.160	0.160						< 0.160		U
RB111	2	0%	0.150	0.160						< 0.160		U
RB202	2	0%	0.170	0.170						< 0.170		U
AG174	2	0%	0.160	0.160						< 0.160		U
AGG	2	0%	0.160	0.170						< 0.170		U
FB200	2	0%	0.150	0.160						< 0.160		U
FB203	2	0%	0.160	0.170						< 0.170		U
All Snohomish CB Locations	3	0%	0.160	0.160						< 0.160		U
All Snohomish RB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish AG Locations	4	0%	0.160	0.170						< 0.170		U
All Snohomish FB Locations	4	0%	0.150	0.170						< 0.170		U
All Snomomish Locations	15	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	2	0%	0.160	0.160						< 0.160		U
CBB	1	0%	0.150	0.150						< 0.150		U
RB53	2	0%	0.160	0.170						< 0.170		U
RB209	2	0%	0.160	0.170						< 0.170		U
AG143	2	0%	0.160	0.160						< 0.160		U
AG62	2	0%	0.160	0.160						< 0.160		U
FB130	2	0%	0.150	0.160						< 0.160		U
FB372	2	0%	0.160	0.170						< 0.170		U
All Puyallup CB Locations	3	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	4	0%	0.160	0.170						< 0.170		U
All Puyallup AG Locations	4	0%	0.160	0.160						< 0.160		U
All Puyallup FB Locations	4	0%	0.150	0.170						< 0.170		U
All Puyallup Locations	15	0%	0.150	0.170						< 0.170		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.150	0.160						< 0.160		U
All RB Locations	8	0%	0.150	0.170						< 0.170		U
All AG Locations	8	0%	0.160	0.170						< 0.170		U
All FB Locations	8	0%	0.150	0.170						< 0.170		U
All Locations	30	0%	0.150	0.170						< 0.170		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-153. Summary statistics for diethyl phthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.160	0.170	0.095	0.082	0.080	0.080	0.085	0.160	0.005	E
CBX	6	17%	0.150	0.170	0.095	0.080	0.075	0.080	0.085	0.170	0.005	E
RB111	6	0%	0.160	0.170						< 0.170		U
RB202	6	17%	0.160	0.160	0.093	0.080	0.080	0.080	0.080	0.160	0.000	E
AG174	6	0%	0.160	0.170						< 0.170		U
AGG	6	0%	0.150	0.170						< 0.170		U
FB200	6	0%	0.160	0.170						< 0.170		U
FB203	6	0%	0.160	0.160						< 0.160		U
All Snohomish CB Locations	12	17%	0.150	0.170	0.095	0.080	0.075	0.080	0.085	0.170	0.005	E
All Snohomish RB Locations	12	8%	0.160	0.170	0.087	0.080	0.080	0.080	0.080	0.160	0.000	E
All Snohomish AG Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish FB Locations	12	0%	0.160	0.170						< 0.170		U
All Snomomish Locations	48	6%	0.150	0.170	0.086	0.080	0.075	0.080	0.080	0.170	0.000	E
Puyallup Watershed												
CBA	6	0%	0.150	0.160						< 0.160		U
CBB	6	17%	0.150	0.160	0.082	0.080	0.075	0.075	0.080	0.100	0.005	E
RB53	6	0%	0.150	0.170						< 0.170		U
RB209	6	0%	0.150	0.160						< 0.160		U
AG143	6	0%	0.160	0.160						< 0.160		U
AG62	6	0%	0.150	0.160						< 0.160		U
FB130	6	0%	0.160	0.170						< 0.170		U
FB372	6	17%	0.150	0.190	0.085	0.080	0.075	0.080	0.095	0.100	0.015	E
All Puyallup CB Locations	12	8%	0.150	0.160	0.080	0.080	0.075	0.075	0.080	0.100	0.005	E
All Puyallup RB Locations	12	0%	0.150	0.170						< 0.170		U
All Puyallup AG Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup FB Locations	12	8%	0.150	0.190	0.083	0.080	0.075	0.080	0.082	0.100	0.002	E
All Puyallup Locations	48	4%	0.150	0.190	0.080	0.080	0.075	0.080	0.080	0.100	0.000	E
All Monitoring Locations Combined												
All CB Locations	24	13%	0.150	0.170	0.088	0.080	0.075	0.080	0.082	0.170	0.002	E
All RB Locations	24	4%	0.150	0.170	0.083	0.080	0.075	0.080	0.080	0.160	0.000	E
All AG Locations	24	0%	0.150	0.170						< 0.170		U
All FB Locations	24	4%	0.150	0.190	0.082	0.080	0.075	0.080	0.080	0.100	0.000	E
All Locations	96	5%	0.150	0.190	0.083	0.080	0.075	0.080	0.080	0.170	0.000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-154. Summary statistics for dimethyl phthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.160	0.160						< 0.160		U
CBX	1	0%	0.160	0.160						< 0.160		U
RB111	2	0%	0.150	0.160						< 0.160		U
RB202	2	0%	0.170	0.170						< 0.170		U
AG174	2	0%	0.160	0.160						< 0.160		U
AGG	2	0%	0.160	0.170						< 0.170		U
FB200	2	0%	0.150	0.160						< 0.160		U
FB203	2	0%	0.160	0.170						< 0.170		U
All Snohomish CB Locations	3	0%	0.160	0.160						< 0.160		U
All Snohomish RB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish AG Locations	4	0%	0.160	0.170						< 0.170		U
All Snohomish FB Locations	4	0%	0.150	0.170						< 0.170		U
All Snomomish Locations	15	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	2	0%	0.160	0.160						< 0.160		U
CBB	1	0%	0.150	0.150						< 0.150		U
RB53	2	0%	0.160	0.170						< 0.170		U
RB209	2	0%	0.160	0.170						< 0.170		U
AG143	2	0%	0.160	0.160						< 0.160		U
AG62	2	0%	0.160	0.160						< 0.160		U
FB130	2	0%	0.150	0.160						< 0.160		U
FB372	2	0%	0.160	0.170						< 0.170		U
All Puyallup CB Locations	3	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	4	0%	0.160	0.170						< 0.170		U
All Puyallup AG Locations	4	0%	0.160	0.160						< 0.160		U
All Puyallup FB Locations	4	0%	0.150	0.170						< 0.170		U
All Puyallup Locations	15	0%	0.150	0.170						< 0.170		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.150	0.160						< 0.160		U
All RB Locations	8	0%	0.150	0.170						< 0.170		U
All AG Locations	8	0%	0.160	0.170						< 0.170		U
All FB Locations	8	0%	0.150	0.170						< 0.170		U
All Locations	30	0%	0.150	0.170						< 0.170		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-154. Summary statistics for dimethyl phthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	33%	0.160	0.170	0.089	0.082	0.076	0.080	0.085	0.130	0.005	E
CBX	6	33%	0.150	0.170	0.097	0.082	0.075	0.080	0.093	0.170	0.013	E
RB111	6	0%	0.160	0.170						< 0.170		U
RB202	6	0%	0.160	0.160						< 0.160		U
AG174	6	0%	0.160	0.170						< 0.170		U
AGG	6	0%	0.150	0.170						< 0.170		U
FB200	6	0%	0.160	0.170						< 0.170		U
FB203	6	0%	0.160	0.160						< 0.160		U
All Snohomish CB Locations	12	33%	0.150	0.170	0.093	0.082	0.075	0.080	0.089	0.170	0.009	E
All Snohomish RB Locations	12	0%	0.160	0.170						< 0.170		U
All Snohomish AG Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish FB Locations	12	0%	0.160	0.170						< 0.170		U
All Snomomish Locations	48	8%	0.150	0.170	0.084	0.080	0.075	0.080	0.080	0.170	0.000	E
Puyallup Watershed												
CBA	6	0%	0.150	0.160						< 0.160		U
CBB	6	0%	0.150	0.160						< 0.160		U
RB53	6	0%	0.150	0.170						< 0.170		U
RB209	6	0%	0.150	0.160						< 0.160		U
AG143	6	0%	0.160	0.160						< 0.160		U
AG62	6	0%	0.150	0.160						< 0.160		U
FB130	6	0%	0.160	0.170						< 0.170		U
FB372	6	0%	0.150	0.190						< 0.190		U
All Puyallup CB Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	12	0%	0.150	0.170						< 0.170		U
All Puyallup AG Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup FB Locations	12	0%	0.150	0.190						< 0.190		U
All Puyallup Locations	48	0%	0.150	0.190						< 0.190		U
All Monitoring Locations Combined												
All CB Locations	24	17%	0.150	0.170	0.086	0.080	0.075	0.078	0.082	0.170	0.004	E
All RB Locations	24	0%	0.150	0.170						< 0.170		U
All AG Locations	24	0%	0.150	0.170						< 0.170		U
All FB Locations	24	0%	0.150	0.190						< 0.190		U
All Locations	96	4%	0.150	0.190	0.082	0.080	0.075	0.080	0.080	0.170	0.000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-155. Summary statistics for di-n-butylphthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0790	0.3400						< 0.3400		U
CBX	1	0%	0.0810	0.1100						< 0.1100		U
RB111	2	0%	0.0770	0.2500						< 0.2500		U
RB202	2	0%	0.0830	0.1900						< 0.1900		U
AG174	2	0%	0.0810	0.4300						< 0.4300		U
AGG	2	0%	0.0790	0.3700						< 0.3700		U
FB200	2	0%	0.0760	0.2500						< 0.2500		U
FB203	2	0%	0.0780	0.2300						< 0.2300		U
All Snohomish CB Locations	3	0%	0.0790	0.3400						< 0.3400		U
All Snohomish RB Locations	4	0%	0.0770	0.2500						< 0.2500		U
All Snohomish AG Locations	4	0%	0.0790	0.4300						< 0.4300		U
All Snohomish FB Locations	4	0%	0.0760	0.2500						< 0.2500		U
All Snomomish Locations	15	0%	0.0760	0.4300						< 0.4300		U
Puyallup Watershed												
CBA	2	0%	0.0810	0.2600						< 0.2600		U
CBB	1	0%	0.0760	0.2200						< 0.2200		U
RB53	2	0%	0.0820	0.2500						< 0.2500		U
RB209	2	0%	0.0800	0.1100						< 0.1100		U
AG143	2	0%	0.0810	0.2500						< 0.2500		U
AG62	2	0%	0.0810	0.2000						< 0.2000		U
FB130	2	0%	0.0760	0.3000						< 0.3000		U
FB372	2	0%	0.0790	0.2800						< 0.2800		U
All Puyallup CB Locations	3	0%	0.0760	0.2600						< 0.2600		U
All Puyallup RB Locations	4	0%	0.0800	0.2500						< 0.2500		U
All Puyallup AG Locations	4	0%	0.0810	0.2500						< 0.2500		U
All Puyallup FB Locations	4	0%	0.0760	0.3000						< 0.3000		U
All Puyallup Locations	15	0%	0.0760	0.3000						< 0.3000		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0760	0.3400						< 0.3400		U
All RB Locations	8	0%	0.0770	0.2500						< 0.2500		U
All AG Locations	8	0%	0.0790	0.4300						< 0.4300		U
All FB Locations	8	0%	0.0760	0.3000						< 0.3000		U
All Locations	30	0%	0.0760	0.4300						< 0.4300		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-155. Summary statistics for di-n-butylphthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0780	0.4500						< 0.4500		U
CBX	6	0%	0.0760	0.4200						< 0.4200		U
RB111	6	0%	0.0780	0.6400						< 0.6400		U
RB202	6	0%	0.0790	0.2800						< 0.2800		U
AG174	6	0%	0.0800	0.3600						< 0.3600		U
AGG	6	0%	0.0760	0.6000						< 0.6000		U
FB200	6	0%	0.0780	0.3200						< 0.3200		U
FB203	6	0%	0.0780	0.4400						< 0.4400		U
All Snohomish CB Locations	12	0%	0.0760	0.4500						< 0.4500		U
All Snohomish RB Locations	12	0%	0.0780	0.6400						< 0.6400		U
All Snohomish AG Locations	12	0%	0.0760	0.6000						< 0.6000		U
All Snohomish FB Locations	12	0%	0.0780	0.4400						< 0.4400		U
All Snomomish Locations	48	0%	0.0760	0.6400						< 0.6400		U
Puyallup Watershed												
CBA	6	0%	0.0760	0.2600						< 0.2600		U
CBB	6	0%	0.0770	0.6700						< 0.6700		U
RB53	6	0%	0.0770	0.2400						< 0.2400		U
RB209	6	0%	0.0770	0.2800						< 0.2800		U
AG143	6	0%	0.0780	0.2300						< 0.2300		U
AG62	6	0%	0.0760	0.2500						< 0.2500		U
FB130	6	0%	0.0790	0.2100						< 0.2100		U
FB372	6	0%	0.0770	0.3500						< 0.3500		U
All Puyallup CB Locations	12	0%	0.0760	0.6700						< 0.6700		U
All Puyallup RB Locations	12	0%	0.0770	0.2800						< 0.2800		U
All Puyallup AG Locations	12	0%	0.0760	0.2500						< 0.2500		U
All Puyallup FB Locations	12	0%	0.0770	0.3500						< 0.3500		U
All Puyallup Locations	48	0%	0.0760	0.6700						< 0.6700		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0760	0.6700						< 0.6700		U
All RB Locations	24	0%	0.0770	0.6400						< 0.6400		U
All AG Locations	24	0%	0.0760	0.6000						< 0.6000		U
All FB Locations	24	0%	0.0770	0.4400						< 0.4400		U
All Locations	96	0%	0.0760	0.6700						< 0.6700		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-156. Summary statistics for di-n-octyl phthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.160	0.160						< 0.160		U
CBX	1	0%	0.160	0.160						< 0.160		U
RB111	2	0%	0.150	0.160						< 0.160		U
RB202	2	0%	0.170	0.170						< 0.170		U
AG174	2	0%	0.160	0.160						< 0.160		U
AGG	2	0%	0.160	0.170						< 0.170		U
FB200	2	0%	0.150	0.160						< 0.160		U
FB203	2	0%	0.160	0.170						< 0.170		U
All Snohomish CB Locations	3	0%	0.160	0.160						< 0.160		U
All Snohomish RB Locations	4	0%	0.150	0.170						< 0.170		U
All Snohomish AG Locations	4	0%	0.160	0.170						< 0.170		U
All Snohomish FB Locations	4	0%	0.150	0.170						< 0.170		U
All Snomomish Locations	15	0%	0.150	0.170						< 0.170		U
Puyallup Watershed												
CBA	2	0%	0.160	0.160						< 0.160		U
CBB	1	0%	0.150	0.150						< 0.150		U
RB53	2	0%	0.160	0.170						< 0.170		U
RB209	2	0%	0.160	0.170						< 0.170		U
AG143	2	0%	0.160	0.160						< 0.160		U
AG62	2	0%	0.160	0.160						< 0.160		U
FB130	2	0%	0.150	0.160						< 0.160		U
FB372	2	0%	0.160	0.170						< 0.170		U
All Puyallup CB Locations	3	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	4	0%	0.160	0.170						< 0.170		U
All Puyallup AG Locations	4	0%	0.160	0.160						< 0.160		U
All Puyallup FB Locations	4	0%	0.150	0.170						< 0.170		U
All Puyallup Locations	15	0%	0.150	0.170						< 0.170		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.150	0.160						< 0.160		U
All RB Locations	8	0%	0.150	0.170						< 0.170		U
All AG Locations	8	0%	0.160	0.170						< 0.170		U
All FB Locations	8	0%	0.150	0.170						< 0.170		U
All Locations	30	0%	0.150	0.170						< 0.170		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-156. Summary statistics for di-n-octyl phthalate concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	33%	0.160	0.170	0.168	0.082	0.080	0.080	0.330	0.350	0.250	E
CBX	6	33%	0.150	0.170	0.100	0.080	0.075	0.080	0.085	0.200	0.005	E
RB111	6	0%	0.160	0.170						< 0.170		U
RB202	6	17%	0.160	0.160	0.093	0.080	0.080	0.080	0.080	0.160	0.000	E
AG174	6	0%	0.160	0.170						< 0.170		U
AGG	6	0%	0.150	0.170						< 0.170		U
FB200	6	0%	0.160	0.170						< 0.170		U
FB203	6	17%	0.160	0.160	0.093	0.080	0.080	0.080	0.080	0.160	0.000	E
All Snohomish CB Locations	12	33%	0.150	0.170	0.134	0.080	0.075	0.080	0.142	0.350	0.062	E
All Snohomish RB Locations	12	8%	0.160	0.170	0.087	0.080	0.080	0.080	0.080	0.160	0.000	E
All Snohomish AG Locations	12	0%	0.150	0.170						< 0.170		U
All Snohomish FB Locations	12	8%	0.160	0.170	0.087	0.080	0.080	0.080	0.080	0.160	0.000	E
All Snomomish Locations	48	13%	0.150	0.170	0.097	0.080	0.075	0.080	0.080	0.350	0.000	E
Puyallup Watershed												
CBA	6	0%	0.150	0.160						< 0.160		U
CBB	6	0%	0.150	0.160						< 0.160		U
RB53	6	0%	0.150	0.170						< 0.170		U
RB209	6	0%	0.150	0.160						< 0.160		U
AG143	6	0%	0.160	0.160						< 0.160		U
AG62	6	0%	0.150	0.160						< 0.160		U
FB130	6	0%	0.160	0.170						< 0.170		U
FB372	6	0%	0.150	0.190						< 0.190		U
All Puyallup CB Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup RB Locations	12	0%	0.150	0.170						< 0.170		U
All Puyallup AG Locations	12	0%	0.150	0.160						< 0.160		U
All Puyallup FB Locations	12	0%	0.150	0.190						< 0.190		U
All Puyallup Locations	48	0%	0.150	0.190						< 0.190		U
All Monitoring Locations Combined												
All CB Locations	24	17%	0.150	0.170	0.106	0.080	0.075	0.080	0.080	0.350	0.000	E
All RB Locations	24	4%	0.150	0.170	0.083	0.080	0.075	0.080	0.080	0.160	0.000	E
All AG Locations	24	0%	0.150	0.170						< 0.170		U
All FB Locations	24	4%	0.150	0.190	0.084	0.080	0.075	0.080	0.080	0.160	0.000	E
All Locations	96	6%	0.150	0.190	0.088	0.080	0.075	0.080	0.080	0.350	0.000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-157. Summary statistics for total PBDEs concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	250.0	625.0	4804.8	4804.8	301.4			9308.1		
CBX	1	100%	245.0	245.0		426.2						
RB111	2	50%	278.0	613.0	466.4	466.4	306.5			626.3		E
RB202	2	0%	250.0	263.2						< 263.2		U
AG174	2	0%	250.0	263.0						< 263.0		U
AGG	2	100%	245.0	255.0	157.4	157.4	34.7			280.0		
FB200	2	50%	238.0	250.0	1056.1	1056.1	125.0			1987.1		E
FB203	2	50%	238.0	250.0	89.8	89.8	54.6			125.0		E
All Snohomish CB Locations	3	100%	245.0	625.0	3345.2	426.2	301.4	332.6	7087.6	9308.1	6755.0	
All Snohomish RB Locations	4	25%	250.0	613.0	297.3	219.1	125.0	128.3	466.4	626.3	338.1	E
All Snohomish AG Locations	4	50%	245.0	263.0	142.8	128.2	34.7	79.8	205.8	280.0	125.9	E
All Snohomish FB Locations	4	50%	238.0	250.0	572.9	125.0	54.6	89.8	1056.1	1987.1	966.3	E
All Snomomish Locations	15	53%	238.0	625.0	939.2	131.6	34.7	125.0	396.3	9308.1	271.3	
Puyallup Watershed												
CBA	2	100%	243.0	263.0	232.7	232.7	19.7			445.7		
CBB	1	100%	250.0	250.0		507.0						
RB53	2	50%	250.0	263.0	70.6	70.6	16.2			125.0		E
RB209	2	50%	245.0	250.0	69.0	69.0	13.0			125.0		E
AG143	2	100%	248.0	255.0	21.4	21.4	10.2			32.7		
AG62	3	0%	250.0	260.0						< 260.0		U
FB130	2	0%	250.0	260.0						< 260.0		U
FB372	2	0%	250.0	250.0						< 250.0		U
All Puyallup CB Locations	3	100%	243.0	263.0	324.1	445.7	19.7	126.2	491.7	507.0	365.5	
All Puyallup RB Locations	4	50%	245.0	263.0	69.8	70.6	13.0	14.6	125.0	125.0	110.4	E
All Puyallup AG Locations	5	40%	248.0	260.0	85.6	125.0	10.2	27.1	130.0	130.0	102.9	E
All Puyallup FB Locations	4	0%	250.0	260.0						< 260.0		U
All Puyallup Locations	16	44%	243.0	263.0	136.5	125.0	10.2	26.2	130.0	507.0	103.8	E
All Monitoring Locations Combined												
All CB Locations	6	100%	243.0	625.0	1834.7	436.0	19.7	301.4	507.0	9308.1	205.6	
All RB Locations	8	38%	245.0	613.0	183.6	125.0	13.0	70.6	219.1	626.3	148.5	E
All AG Locations	9	44%	245.0	263.0	111.0	125.0	10.2	34.2	130.4	280.0	96.2	E
All FB Locations	8	25%	238.0	260.0	349.6	125.0	54.6	125.0	127.5	1987.1	2.5	E
All Locations	31	48%	238.0	625.0	524.9	125.0	10.2	125.0	296.1	9308.1	171.1	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-157. Summary statistics for total PBDEs concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	100%	129.0	12900.0	82233.9	28715.9	5.0	6471.7	157996.0	271498.6	151524.3	
CBX	4	100%	130.0	986.0	2307.8	2098.9	1001.7	1342.5	3273.1	4031.9	1930.6	
RB111	4	75%	250.0	250.0	62.7	57.7	10.5	16.8	108.7	125.0	91.9	
RB202	4	100%	137.0	253.0	35.9	22.5	11.7	15.4	56.4	86.8	41.0	
AG174	4	25%	250.0	253.0	104.7	125.0	42.3	83.7	125.8	126.5	42.1	E
AGG	4	75%	121.0	256.0	202.3	76.5	20.0	24.0	380.6	636.3	356.7	
FB200	4	75%	133.0	345.0	298.3	200.8	29.8	101.2	495.5	762.0	394.4	
FB203	4	50%	136.0	250.0	167.8	125.0	20.1	72.6	263.0	401.0	190.4	E
All Snohomish CB Locations	8	100%	129.0	12900.0	42270.8	3273.1	5.0	1342.5	28715.9	271498.6	27373.4	
All Snohomish RB Locations	8	88%	137.0	253.0	49.3	24.5	10.5	15.4	89.6	125.0	74.3	
All Snohomish AG Locations	8	50%	121.0	256.0	153.5	125.0	20.0	35.1	125.8	636.3	90.6	E
All Snohomish FB Locations	8	63%	133.0	345.0	233.1	148.8	20.1	77.4	315.0	762.0	237.6	
All Snomomish Locations	32	75%	121.0	12900.0	10676.7	125.0	5.0	27.0	699.1	271498.6	672.2	
Puyallup Watershed												
CBA	4	100%	129.0	281.0	18060.4	13801.2	849.9	1050.8	35070.0	43789.3	34019.2	
CBB	4	100%	128.0	255.0	3837.4	3723.9	1453.8	1858.0	5816.7	6447.9	3958.7	
RB53	4	25%	250.0	266.0	97.2	125.0	11.4	68.2	126.2	127.5	58.0	E
RB209	4	25%	250.0	882.0	243.1	203.1	125.0	127.5	358.6	441.0	231.1	E
AG143	4	100%	132.0	258.0	14982.9	600.9	18.5	27.5	29938.3	58711.4	29910.8	
AG62	4	50%	250.0	266.0	132.6	125.0	18.0	71.5	193.6	262.2	122.1	E
FB130	4	0%	250.0	250.0						< 250.0		U
FB372	4	50%	128.0	275.0	1257.4	131.2	11.5	68.2	2446.5	4755.6	2378.3	E
All Puyallup CB Locations	8	100%	128.0	281.0	10948.9	3723.9	849.9	1352.8	16399.3	43789.3	15046.5	
All Puyallup RB Locations	8	25%	250.0	882.0	170.1	126.2	11.4	125.0	203.1	441.0	78.1	E
All Puyallup AG Locations	8	75%	132.0	266.0	7557.7	125.0	18.0	27.5	713.8	58711.4	686.2	
All Puyallup FB Locations	8	25%	128.0	275.0	691.2	125.0	11.5	125.0	131.2	4755.6	6.2	E
All Puyallup Locations	32	56%	128.0	882.0	4842.0	128.8	11.4	125.0	1352.8	58711.4	1227.8	
All Monitoring Locations Combined												
All CB Locations	16	100%	128.0	12900.0	26609.9	3273.1	5.0	1352.8	19644.6	271498.6	18291.8	
All RB Locations	16	56%	137.0	882.0	109.7	108.7	10.5	21.0	126.2	441.0	105.2	
All AG Locations	16	63%	121.0	266.0	3855.6	125.0	18.0	32.2	194.4	58711.4	162.1	
All FB Locations	16	44%	128.0	345.0	462.1	125.0	11.5	125.0	200.8	4755.6	75.8	E
All Locations	64	66%	121.0	12900.0	7759.3	125.0	5.0	64.6	1083.5	271498.6	1018.9	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-158. Summary statistics for PBDE-007 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	25.00	25.00						< 25.00		U
CBX	1	0%	24.50	24.50						< 24.50		U
RB111	2	0%	24.50	27.80						< 27.80		U
RB202	2	0%	25.00	26.30						< 26.30		U
AG174	2	0%	24.80	26.30						< 26.30		U
AGG	2	0%	24.50	25.50						< 25.50		U
FB200	2	0%	23.80	24.80						< 24.80		U
FB203	2	0%	23.80	24.50						< 24.50		U
All Snohomish CB Locations	3	0%	24.50	25.00						< 25.00		U
All Snohomish RB Locations	4	0%	24.50	27.80						< 27.80		U
All Snohomish AG Locations	4	0%	24.50	26.30						< 26.30		U
All Snohomish FB Locations	4	0%	23.80	24.80						< 24.80		U
All Snomomish Locations	15	0%	23.80	27.80						< 27.80		U
Puyallup Watershed												
CBA	2	0%	24.30	26.30						< 26.30		U
CBB	1	0%	25.00	25.00						< 25.00		U
RB53	2	0%	24.80	26.30						< 26.30		U
RB209	2	0%	24.50	25.00						< 25.00		U
AG143	2	0%	24.80	25.50						< 25.50		U
AG62	2	0%	24.50	25.00						< 25.00		U
FB130	2	0%	23.60	26.00						< 26.00		U
FB372	2	0%	24.00	25.00						< 25.00		U
All Puyallup CB Locations	3	0%	24.30	26.30						< 26.30		U
All Puyallup RB Locations	4	0%	24.50	26.30						< 26.30		U
All Puyallup AG Locations	4	0%	24.50	25.50						< 25.50		U
All Puyallup FB Locations	4	0%	23.60	26.00						< 26.00		U
All Puyallup Locations	15	0%	23.60	26.30						< 26.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	24.30	26.30						< 26.30		U
All RB Locations	8	0%	24.50	27.80						< 27.80		U
All AG Locations	8	0%	24.50	26.30						< 26.30		U
All FB Locations	8	0%	23.60	26.00						< 26.00		U
All Locations	30	0%	23.60	27.80						< 27.80		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-158. Summary statistics for PBDE-007 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	5.00	33.80						< 33.80		U
CBX	2	0%	5.00	13.00						< 13.00		U
RB111	3	0%	5.00	25.00						< 25.00		U
RB202	3	0%	13.70	25.30						< 25.30		U
AG174	3	0%	13.70	25.30						< 25.30		U
AGG	3	0%	12.10	25.60						< 25.60		U
FB200	3	0%	13.30	25.80						< 25.80		U
FB203	3	0%	13.60	25.00						< 25.00		U
All Snohomish CB Locations	5	0%	5.00	33.80						< 33.80		U
All Snohomish RB Locations	6	0%	5.00	25.30						< 25.30		U
All Snohomish AG Locations	6	0%	12.10	25.60						< 25.60		U
All Snohomish FB Locations	6	0%	13.30	25.80						< 25.80		U
All Snohomish Locations	23	0%	5.00	33.80						< 33.80		U
Puyallup Watershed												
CBA	3	33%	12.90	28.10	12.55	12.50	11.10	11.45	13.66	14.05	2.21	E
CBB	3	0%	12.80	25.50						< 25.50		U
RB53	3	0%	12.80	26.60						< 26.60		U
RB209	2	0%	12.90	25.50						< 25.50		U
AG143	2	50%	13.20	25.00	10.39	10.39	8.28			12.50		E
AG62	2	0%	12.90	25.00						< 25.00		U
FB130	2	0%	12.90	25.00						< 25.00		U
FB372	2	0%	12.80	25.50						< 25.50		U
All Puyallup CB Locations	6	17%	12.80	28.10	11.36	11.93	6.40	11.10	12.75	14.05	1.65	E
All Puyallup RB Locations	5	0%	12.80	26.60						< 26.60		U
All Puyallup AG Locations	4	25%	12.90	25.00	9.93	10.39	6.45	7.36	12.50	12.50	5.14	E
All Puyallup FB Locations	4	0%	12.80	25.50						< 25.50		U
All Puyallup Locations	19	11%	12.80	28.10	10.40	12.50	6.40	6.45	12.75	14.05	6.30	E
All Monitoring Locations Combined												
All CB Locations	11	9%	5.00	33.80	9.36	11.10	2.50	6.41	12.69	16.90	6.28	E
All RB Locations	11	0%	5.00	26.60						< 26.60		U
All AG Locations	10	10%	12.10	25.60	10.31	12.50	6.05	6.85	12.50	12.80	5.65	E
All FB Locations	10	0%	12.80	25.80						< 25.80		U
All Locations	42	5%	5.00	33.80	9.83	12.20	2.50	6.45	12.65	16.90	6.20	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-159. Summary statistics for PBDE-010 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	25.00	25.00						< 25.00		U
CBX	1	0%	24.50	24.50						< 24.50		U
RB111	2	0%	24.50	27.80						< 27.80		U
RB202	2	0%	25.00	26.30						< 26.30		U
AG174	2	0%	24.80	26.30						< 26.30		U
AGG	2	0%	24.50	25.50						< 25.50		U
FB200	2	0%	23.80	24.80						< 24.80		U
FB203	2	0%	23.80	24.50						< 24.50		U
All Snohomish CB Locations	3	0%	24.50	25.00						< 25.00		U
All Snohomish RB Locations	4	0%	24.50	27.80						< 27.80		U
All Snohomish AG Locations	4	0%	24.50	26.30						< 26.30		U
All Snohomish FB Locations	4	0%	23.80	24.80						< 24.80		U
All Snomomish Locations	15	0%	23.80	27.80						< 27.80		U
Puyallup Watershed												
CBA	2	0%	24.30	26.30						< 26.30		U
CBB	1	0%	25.00	25.00						< 25.00		U
RB53	2	0%	24.80	26.30						< 26.30		U
RB209	2	0%	24.50	25.00						< 25.00		U
AG143	2	0%	24.80	25.50						< 25.50		U
AG62	2	0%	24.50	25.00						< 25.00		U
FB130	2	0%	23.60	26.00						< 26.00		U
FB372	2	0%	24.00	25.00						< 25.00		U
All Puyallup CB Locations	3	0%	24.30	26.30						< 26.30		U
All Puyallup RB Locations	4	0%	24.50	26.30						< 26.30		U
All Puyallup AG Locations	4	0%	24.50	25.50						< 25.50		U
All Puyallup FB Locations	4	0%	23.60	26.00						< 26.00		U
All Puyallup Locations	15	0%	23.60	26.30						< 26.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	24.30	26.30						< 26.30		U
All RB Locations	8	0%	24.50	27.80						< 27.80		U
All AG Locations	8	0%	24.50	26.30						< 26.30		U
All FB Locations	8	0%	23.60	26.00						< 26.00		U
All Locations	30	0%	23.60	27.80						< 27.80		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-159. Summary statistics for PBDE-010 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	5.00	33.80						< 33.80		U
CBX	2	0%	5.00	13.00						< 13.00		U
RB111	3	0%	5.00	25.00						< 25.00		U
RB202	3	0%	13.70	25.30						< 25.30		U
AG174	3	0%	13.70	25.30						< 25.30		U
AGG	3	0%	12.10	25.60						< 25.60		U
FB200	3	0%	13.30	25.80						< 25.80		U
FB203	3	0%	13.60	25.00						< 25.00		U
All Snohomish CB Locations	5	0%	5.00	33.80						< 33.80		U
All Snohomish RB Locations	6	0%	5.00	25.30						< 25.30		U
All Snohomish AG Locations	6	0%	12.10	25.60						< 25.60		U
All Snohomish FB Locations	6	0%	13.30	25.80						< 25.80		U
All Snomomish Locations	23	0%	5.00	33.80						< 33.80		U
Puyallup Watershed												
CBA	3	0%	12.90	28.10						< 28.10		U
CBB	3	0%	12.80	25.50						< 25.50		U
RB53	3	0%	12.80	26.60						< 26.60		U
RB209	2	0%	12.90	25.50						< 25.50		U
AG143	2	0%	13.20	25.00						< 25.00		U
AG62	2	0%	12.90	25.00						< 25.00		U
FB130	2	0%	12.90	25.00						< 25.00		U
FB372	2	0%	12.80	25.50						< 25.50		U
All Puyallup CB Locations	6	0%	12.80	28.10						< 28.10		U
All Puyallup RB Locations	5	0%	12.80	26.60						< 26.60		U
All Puyallup AG Locations	4	0%	12.90	25.00						< 25.00		U
All Puyallup FB Locations	4	0%	12.80	25.50						< 25.50		U
All Puyallup Locations	19	0%	12.80	28.10						< 28.10		U
All Monitoring Locations Combined												
All CB Locations	11	0%	5.00	33.80						< 33.80		U
All RB Locations	11	0%	5.00	26.60						< 26.60		U
All AG Locations	10	0%	12.10	25.60						< 25.60		U
All FB Locations	10	0%	12.80	25.80						< 25.80		U
All Locations	42	0%	5.00	33.80						< 33.80		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-160. Summary statistics for PBDE-015 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	25.00	25.00						< 25.00		U
CBX	1	0%	24.50	24.50						< 24.50		U
RB111	2	0%	24.50	27.80						< 27.80		U
RB202	2	0%	25.00	26.30						< 26.30		U
AG174	2	0%	24.80	26.30						< 26.30		U
AGG	2	0%	24.50	25.50						< 25.50		U
FB200	2	0%	23.80	24.80						< 24.80		U
FB203	2	0%	23.80	24.50						< 24.50		U
All Snohomish CB Locations	3	0%	24.50	25.00						< 25.00		U
All Snohomish RB Locations	4	0%	24.50	27.80						< 27.80		U
All Snohomish AG Locations	4	0%	24.50	26.30						< 26.30		U
All Snohomish FB Locations	4	0%	23.80	24.80						< 24.80		U
All Snomomish Locations	15	0%	23.80	27.80						< 27.80		U
Puyallup Watershed												
CBA	2	0%	24.30	26.30						< 26.30		U
CBB	1	0%	25.00	25.00						< 25.00		U
RB53	2	0%	24.80	26.30						< 26.30		U
RB209	2	0%	24.50	25.00						< 25.00		U
AG143	2	0%	24.80	25.50						< 25.50		U
AG62	2	0%	24.50	25.00						< 25.00		U
FB130	2	0%	23.60	26.00						< 26.00		U
FB372	2	0%	24.00	25.00						< 25.00		U
All Puyallup CB Locations	3	0%	24.30	26.30						< 26.30		U
All Puyallup RB Locations	4	0%	24.50	26.30						< 26.30		U
All Puyallup AG Locations	4	0%	24.50	25.50						< 25.50		U
All Puyallup FB Locations	4	0%	23.60	26.00						< 26.00		U
All Puyallup Locations	15	0%	23.60	26.30						< 26.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	24.30	26.30						< 26.30		U
All RB Locations	8	0%	24.50	27.80						< 27.80		U
All AG Locations	8	0%	24.50	26.30						< 26.30		U
All FB Locations	8	0%	23.60	26.00						< 26.00		U
All Locations	30	0%	23.60	27.80						< 27.80		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-160. Summary statistics for PBDE-015 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	5.00	33.80						< 33.80		U
CBX	2	50%	13.00	15.70	11.10	11.10	6.50			15.70		E
RB111	3	0%	5.00	25.00						< 25.00		U
RB202	3	0%	13.70	25.30						< 25.30		U
AG174	3	0%	13.70	25.30						< 25.30		U
AGG	3	0%	12.10	25.60						< 25.60		U
FB200	3	0%	13.30	25.80						< 25.80		U
FB203	3	0%	13.60	25.00						< 25.00		U
All Snohomish CB Locations	5	20%	5.00	33.80	9.61	6.50	2.50	5.46	16.00	16.90	10.54	E
All Snohomish RB Locations	6	0%	5.00	25.30						< 25.30		U
All Snohomish AG Locations	6	0%	12.10	25.60						< 25.60		U
All Snohomish FB Locations	6	0%	13.30	25.80						< 25.80		U
All Snohomish Locations	23	4%	5.00	33.80	9.94	12.50	2.50	6.69	12.61	16.90	5.93	E
Puyallup Watershed												
CBA	3	0%	12.90	28.10						< 28.10		U
CBB	3	0%	12.80	25.50						< 25.50		U
RB53	3	0%	12.80	26.60						< 26.60		U
RB209	2	0%	12.90	25.50						< 25.50		U
AG143	2	0%	13.20	25.00						< 25.00		U
AG62	2	0%	12.90	25.00						< 25.00		U
FB130	2	0%	12.90	25.00						< 25.00		U
FB372	2	0%	12.80	25.50						< 25.50		U
All Puyallup CB Locations	6	0%	12.80	28.10						< 28.10		U
All Puyallup RB Locations	5	0%	12.80	26.60						< 26.60		U
All Puyallup AG Locations	4	0%	12.90	25.00						< 25.00		U
All Puyallup FB Locations	4	0%	12.80	25.50						< 25.50		U
All Puyallup Locations	19	0%	12.80	28.10						< 28.10		U
All Monitoring Locations Combined												
All CB Locations	11	9%	5.00	33.80	10.14	11.35	2.50	6.45	13.73	16.90	7.28	E
All RB Locations	11	0%	5.00	26.60						< 26.60		U
All AG Locations	10	0%	12.10	25.60						< 25.60		U
All FB Locations	10	0%	12.80	25.80						< 25.80		U
All Locations	42	2%	5.00	33.80	10.00	12.50	2.50	6.45	12.65	16.90	6.20	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-161. Summary statistics for PBDE-017 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	25.00	25.00						< 25.00		U
CBX	1	0%	24.50	24.50						< 24.50		U
RB111	2	0%	24.50	27.80						< 27.80		U
RB202	2	0%	25.00	26.30						< 26.30		U
AG174	2	0%	24.80	26.30						< 26.30		U
AGG	2	0%	24.50	25.50						< 25.50		U
FB200	2	0%	23.80	24.80						< 24.80		U
FB203	2	0%	23.80	24.50						< 24.50		U
All Snohomish CB Locations	3	0%	24.50	25.00						< 25.00		U
All Snohomish RB Locations	4	0%	24.50	27.80						< 27.80		U
All Snohomish AG Locations	4	0%	24.50	26.30						< 26.30		U
All Snohomish FB Locations	4	0%	23.80	24.80						< 24.80		U
All Snomomish Locations	15	0%	23.80	27.80						< 27.80		U
Puyallup Watershed												
CBA	2	0%	24.30	26.30						< 26.30		U
CBB	1	0%	25.00	25.00						< 25.00		U
RB53	2	0%	24.80	26.30						< 26.30		U
RB209	2	0%	24.50	25.00						< 25.00		U
AG143	2	0%	24.80	25.50						< 25.50		U
AG62	2	0%	24.50	25.00						< 25.00		U
FB130	2	0%	23.60	26.00						< 26.00		U
FB372	2	0%	24.00	25.00						< 25.00		U
All Puyallup CB Locations	3	0%	24.30	26.30						< 26.30		U
All Puyallup RB Locations	4	0%	24.50	26.30						< 26.30		U
All Puyallup AG Locations	4	0%	24.50	25.50						< 25.50		U
All Puyallup FB Locations	4	0%	23.60	26.00						< 26.00		U
All Puyallup Locations	15	0%	23.60	26.30						< 26.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	24.30	26.30						< 26.30		U
All RB Locations	8	0%	24.50	27.80						< 27.80		U
All AG Locations	8	0%	24.50	26.30						< 26.30		U
All FB Locations	8	0%	23.60	26.00						< 26.00		U
All Locations	30	0%	23.60	27.80						< 27.80		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-161. Summary statistics for PBDE-017 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	5.00	34.20	11.70	11.05	2.50	3.75	19.65	22.20	15.90	E
CBX	4	0%	5.00	25.90						< 25.90		U
RB111	4	0%	5.00	25.00						< 25.00		U
RB202	4	0%	5.00	25.30						< 25.30		U
AG174	4	0%	5.00	25.30						< 25.30		U
AGG	4	0%	5.00	25.60						< 25.60		U
FB200	4	0%	5.00	25.80						< 25.80		U
FB203	4	0%	5.00	25.00						< 25.00		U
All Snohomish CB Locations	8	25%	5.00	34.20	10.16	9.50	2.50	3.75	15.02	22.20	11.27	E
All Snohomish RB Locations	8	0%	5.00	25.30						< 25.30		U
All Snohomish AG Locations	8	0%	5.00	25.60						< 25.60		U
All Snohomish FB Locations	8	0%	5.00	25.80						< 25.80		U
All Snomomish Locations	32	6%	5.00	34.20	8.96	9.42	2.50	3.75	12.50	22.20	8.75	E
Puyallup Watershed												
CBA	4	50%	12.90	28.10	13.05	12.50	10.00	11.25	14.85	17.20	3.60	E
CBB	4	0%	12.80	25.50						< 25.50		U
RB53	4	0%	12.80	26.60						< 26.60		U
RB209	4	0%	12.90	26.00						< 26.00		U
AG143	4	25%	13.20	25.80	14.62	12.70	12.50	12.50	16.75	20.60	4.25	E
AG62	4	0%	12.90	26.60						< 26.60		U
FB130	4	0%	12.90	25.00						< 25.00		U
FB372	4	0%	12.80	27.50						< 27.50		U
All Puyallup CB Locations	8	25%	12.80	28.10	11.90	12.50	6.40	10.68	12.62	17.20	1.95	E
All Puyallup RB Locations	8	0%	12.80	26.60						< 26.60		U
All Puyallup AG Locations	8	13%	12.90	26.60	12.91	12.50	6.45	12.50	13.10	20.60	0.60	E
All Puyallup FB Locations	8	0%	12.80	27.50						< 27.50		U
All Puyallup Locations	32	9%	12.80	28.10	11.80	12.50	6.40	11.93	12.75	20.60	0.82	E
All Monitoring Locations Combined												
All CB Locations	16	25%	5.00	34.20	11.03	12.50	2.50	6.45	12.85	22.20	6.40	E
All RB Locations	16	0%	5.00	26.60						< 26.60		U
All AG Locations	16	6%	5.00	26.60	10.73	12.50	2.50	6.65	12.73	20.60	6.07	E
All FB Locations	16	0%	5.00	27.50						< 27.50		U
All Locations	64	8%	5.00	34.20	10.38	12.50	2.50	6.47	12.70	22.20	6.22	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-162. Summary statistics for PBDE-028 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	25.000	25.000						< 25.000		U
CBX	1	0%	24.500	24.500						< 24.500		U
RB111	2	0%	24.500	27.800						< 27.800		U
RB202	2	0%	25.000	26.300						< 26.300		U
AG174	2	0%	24.800	26.300						< 26.300		U
AGG	2	0%	24.500	25.500						< 25.500		U
FB200	2	0%	23.800	24.800						< 24.800		U
FB203	2	0%	23.800	24.500						< 24.500		U
All Snohomish CB Locations	3	0%	24.500	25.000						< 25.000		U
All Snohomish RB Locations	4	0%	24.500	27.800						< 27.800		U
All Snohomish AG Locations	4	0%	24.500	26.300						< 26.300		U
All Snohomish FB Locations	4	0%	23.800	24.800						< 24.800		U
All Snomomish Locations	15	0%	23.800	27.800						< 27.800		U
Puyallup Watershed												
CBA	2	0%	24.300	26.300						< 26.300		U
CBB	1	0%	25.000	25.000						< 25.000		U
RB53	2	0%	24.800	26.300						< 26.300		U
RB209	2	0%	24.500	25.000						< 25.000		U
AG143	2	0%	24.800	25.500						< 25.500		U
AG62	2	0%	24.500	25.000						< 25.000		U
FB130	2	0%	23.600	26.000						< 26.000		U
FB372	2	0%	24.000	25.000						< 25.000		U
All Puyallup CB Locations	3	0%	24.300	26.300						< 26.300		U
All Puyallup RB Locations	4	0%	24.500	26.300						< 26.300		U
All Puyallup AG Locations	4	0%	24.500	25.500						< 25.500		U
All Puyallup FB Locations	4	0%	23.600	26.000						< 26.000		U
All Puyallup Locations	15	0%	23.600	26.300						< 26.300		U
All Monitoring Locations Combined												
All CB Locations	6	0%	24.300	26.300						< 26.300		U
All RB Locations	8	0%	24.500	27.800						< 27.800		U
All AG Locations	8	0%	24.500	26.300						< 26.300		U
All FB Locations	8	0%	23.600	26.000						< 26.000		U
All Locations	30	0%	23.600	27.800						< 27.800		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-162. Summary statistics for PBDE-028 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	25%	10.900	34.200	16.550	11.775	5.450	5.950	27.150	37.200	21.200	E
CBX	4	50%	13.000	25.900	9.608	9.665	6.600	8.065	11.150	12.500	3.085	E
RB111	4	0%	13.900	25.000						< 25.000		U
RB202	4	0%	8.420	25.300						< 25.300		U
AG174	4	0%	10.200	25.300						< 25.300		U
AGG	4	50%	6.970	25.600	7.614	7.235	3.485	4.372	10.855	12.500	6.483	E
FB200	4	0%	9.410	25.800						< 25.800		U
FB203	4	0%	7.210	25.000						< 25.000		U
All Snohomish CB Locations	8	38%	10.900	34.200	13.079	9.665	5.450	6.525	14.800	37.200	8.275	E
All Snohomish RB Locations	8	0%	8.420	25.300						< 25.300		U
All Snohomish AG Locations	8	25%	6.970	25.600	8.444	8.030	3.485	5.180	12.500	12.650	7.320	E
All Snohomish FB Locations	8	0%	7.210	25.800						< 25.800		U
All Snomomish Locations	32	16%	6.970	34.200	9.977	9.370	3.485	6.525	12.500	37.200	5.975	E
Puyallup Watershed												
CBA	4	50%	12.900	28.100	20.975	15.400	12.500	12.500	29.450	40.600	16.950	E
CBB	4	25%	12.800	25.500	10.887	11.925	6.950	9.150	12.625	12.750	3.475	E
RB53	4	0%	12.800	26.600						< 26.600		U
RB209	4	0%	12.900	26.000						< 26.000		U
AG143	4	25%	13.200	25.800	15.550	12.700	12.500	12.500	18.600	24.300	6.100	E
AG62	4	0%	12.900	26.600						< 26.600		U
FB130	4	0%	12.900	25.000						< 25.000		U
FB372	4	25%	12.800	27.500	11.320	12.625	6.280	9.390	13.250	13.750	3.860	E
All Puyallup CB Locations	8	38%	12.800	28.100	15.931	12.500	6.950	11.925	15.525	40.600	3.600	E
All Puyallup RB Locations	8	0%	12.800	26.600						< 26.600		U
All Puyallup AG Locations	8	13%	12.900	26.600	13.369	12.500	6.450	12.500	13.100	24.300	0.600	E
All Puyallup FB Locations	8	13%	12.800	27.500	11.154	12.500	6.280	9.475	12.625	13.750	3.150	E
All Puyallup Locations	32	16%	12.800	28.100	12.915	12.500	6.280	12.500	12.825	40.600	0.325	E
All Monitoring Locations Combined												
All CB Locations	16	38%	10.900	34.200	14.505	12.500	5.450	8.240	14.925	40.600	6.685	E
All RB Locations	16	0%	8.420	26.600						< 26.600		U
All AG Locations	16	19%	6.970	26.600	10.907	12.500	3.485	6.650	12.575	24.300	5.925	E
All FB Locations	16	6%	7.210	27.500	10.049	12.500	3.605	6.550	12.500	13.750	5.950	E
All Locations	64	16%	6.970	34.200	11.446	12.500	3.485	6.825	12.650	40.600	5.825	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-163. Summary statistics for PBDE-030 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	25.00	25.00						< 25.00		U
CBX	1	0%	24.50	24.50						< 24.50		U
RB111	2	0%	24.50	27.80						< 27.80		U
RB202	2	0%	25.00	26.30						< 26.30		U
AG174	2	0%	24.80	26.30						< 26.30		U
AGG	2	0%	24.50	25.50						< 25.50		U
FB200	2	0%	23.80	24.80						< 24.80		U
FB203	2	0%	23.80	24.50						< 24.50		U
All Snohomish CB Locations	3	0%	24.50	25.00						< 25.00		U
All Snohomish RB Locations	4	0%	24.50	27.80						< 27.80		U
All Snohomish AG Locations	4	0%	24.50	26.30						< 26.30		U
All Snohomish FB Locations	4	0%	23.80	24.80						< 24.80		U
All Snomomish Locations	15	0%	23.80	27.80						< 27.80		U
Puyallup Watershed												
CBA	2	0%	24.30	26.30						< 26.30		U
CBB	1	0%	25.00	25.00						< 25.00		U
RB53	2	0%	24.80	26.30						< 26.30		U
RB209	2	0%	24.50	25.00						< 25.00		U
AG143	2	0%	24.80	25.50						< 25.50		U
AG62	2	0%	24.50	25.00						< 25.00		U
FB130	2	0%	23.60	26.00						< 26.00		U
FB372	2	0%	24.00	25.00						< 25.00		U
All Puyallup CB Locations	3	0%	24.30	26.30						< 26.30		U
All Puyallup RB Locations	4	0%	24.50	26.30						< 26.30		U
All Puyallup AG Locations	4	0%	24.50	25.50						< 25.50		U
All Puyallup FB Locations	4	0%	23.60	26.00						< 26.00		U
All Puyallup Locations	15	0%	23.60	26.30						< 26.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	24.30	26.30						< 26.30		U
All RB Locations	8	0%	24.50	27.80						< 27.80		U
All AG Locations	8	0%	24.50	26.30						< 26.30		U
All FB Locations	8	0%	23.60	26.00						< 26.00		U
All Locations	30	0%	23.60	27.80						< 27.80		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-163. Summary statistics for PBDE-030 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	0%	5.00	34.20						< 34.20		U
CBX	4	0%	5.00	25.90						< 25.90		U
RB111	4	0%	5.00	25.00						< 25.00		U
RB202	4	0%	5.00	25.30						< 25.30		U
AG174	4	25%	8.22	25.30	10.06	10.36	6.85	7.53	12.57	12.65	5.04	E
AGG	4	25%	5.74	25.60	9.27	9.27	5.74	5.89	12.65	12.80	6.76	E
FB200	4	0%	5.00	25.80						< 25.80		U
FB203	4	0%	5.00	25.00						< 25.00		U
All Snohomish CB Locations	8	0%	5.00	34.20						< 34.20		U
All Snohomish RB Locations	8	0%	5.00	25.30						< 25.30		U
All Snohomish AG Locations	8	25%	5.74	25.60	9.66	10.36	5.74	6.45	12.57	12.80	6.12	E
All Snohomish FB Locations	8	0%	5.00	25.80						< 25.80		U
All Snomomish Locations	32	6%	5.00	34.20	9.12	10.06	2.50	6.25	12.50	17.10	6.25	E
Puyallup Watershed												
CBA	4	0%	12.90	28.10						< 28.10		U
CBB	4	0%	12.80	25.50						< 25.50		U
RB53	4	0%	12.80	26.60						< 26.60		U
RB209	4	0%	12.90	26.00						< 26.00		U
AG143	4	0%	13.20	25.80						< 25.80		U
AG62	4	0%	12.90	26.60						< 26.60		U
FB130	4	0%	12.90	25.00						< 25.00		U
FB372	4	0%	12.80	27.50						< 27.50		U
All Puyallup CB Locations	8	0%	12.80	28.10						< 28.10		U
All Puyallup RB Locations	8	0%	12.80	26.60						< 26.60		U
All Puyallup AG Locations	8	0%	12.90	26.60						< 26.60		U
All Puyallup FB Locations	8	0%	12.80	27.50						< 27.50		U
All Puyallup Locations	32	0%	12.80	28.10						< 28.10		U
All Monitoring Locations Combined												
All CB Locations	16	0%	5.00	34.20						< 34.20		U
All RB Locations	16	0%	5.00	26.60						< 26.60		U
All AG Locations	16	13%	5.74	26.60	10.41	12.50	5.74	6.72	12.57	13.30	5.85	E
All FB Locations	16	0%	5.00	27.50						< 27.50		U
All Locations	64	3%	5.00	34.20	10.14	12.50	2.50	6.47	12.65	17.10	6.18	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-164. Summary statistics for PBDE-047 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	56.00						< 56.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	0%	49.00	242.00						< 242.00		U
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	98.50						< 98.50		U
FB200	2	50%	47.60	49.50	318.88	318.88	24.75			613.00		E
FB203	2	0%	47.60	84.30						< 84.30		U
All Snohomish CB Locations	3	0%	49.00	56.00						< 56.00		U
All Snohomish RB Locations	4	0%	49.00	242.00						< 242.00		U
All Snohomish AG Locations	4	0%	49.00	98.50						< 98.50		U
All Snohomish FB Locations	4	25%	47.60	84.30	176.10	33.45	24.50	24.62	327.58	613.00	302.95	E
All Snomomish Locations	15	7%	47.60	242.00	73.80	26.30	24.50	24.75	38.61	613.00	13.86	E
Puyallup Watershed												
CBA	2	0%	48.50	143.00						< 143.00		U
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	98.10						< 98.10		U
RB209	2	0%	49.00	73.20						< 73.20		U
AG143	2	0%	49.50	117.00						< 117.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	52.80						< 52.80		U
All Puyallup CB Locations	3	0%	48.50	143.00						< 143.00		U
All Puyallup RB Locations	4	0%	49.00	98.10						< 98.10		U
All Puyallup AG Locations	4	0%	49.00	117.00						< 117.00		U
All Puyallup FB Locations	4	0%	47.20	52.80						< 52.80		U
All Puyallup Locations	15	0%	47.20	143.00						< 143.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	48.50	143.00						< 143.00		U
All RB Locations	8	0%	49.00	242.00						< 242.00		U
All AG Locations	8	0%	49.00	117.00						< 117.00		U
All FB Locations	8	13%	47.20	84.30	100.68	25.52	23.60	24.62	34.28	613.00	9.65	E
All Locations	30	3%	47.20	242.00	53.76	25.52	23.60	24.75	40.30	613.00	15.55	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-164. Summary statistics for PBDE-047 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	25.80	120.00	375.34	232.50	46.35	53.17	697.50	990.00	644.33	E
CBX	4	25%	26.00	465.00	189.38	205.50	51.50	115.00	263.75	295.00	148.75	E
RB111	4	0%	27.80	130.00						< 130.00		U
RB202	4	0%	27.50	132.00						< 132.00		U
AG174	4	0%	27.50	84.60						< 84.60		U
AGG	4	0%	24.30	89.40						< 89.40		U
FB200	4	0%	26.60	94.00						< 94.00		U
FB203	4	0%	27.20	64.40						< 64.40		U
All Snohomish CB Locations	8	38%	25.80	465.00	282.36	205.50	46.35	55.75	350.00	990.00	294.25	E
All Snohomish RB Locations	8	0%	27.50	132.00						< 132.00		U
All Snohomish AG Locations	8	0%	24.30	89.40						< 89.40		U
All Snohomish FB Locations	8	0%	26.60	94.00						< 94.00		U
All Snomomish Locations	32	9%	24.30	465.00	99.43	41.08	23.80	32.58	55.75	990.00	23.17	E
Puyallup Watershed												
CBA	4	50%	25.80	187.00	511.05	378.75	46.70	70.10	952.00	1240.00	881.90	E
CBB	4	25%	25.50	326.00	170.18	122.25	46.20	63.85	276.50	390.00	212.65	E
RB53	4	0%	25.50	93.70						< 93.70		U
RB209	4	0%	25.80	105.00						< 105.00		U
AG143	4	50%	26.30	174.00	363.90	196.00	43.60	65.30	662.50	1020.00	597.20	E
AG62	4	0%	25.80	145.00						< 145.00		U
FB130	4	0%	25.80	68.00						< 68.00		U
FB372	4	25%	25.50	77.80	292.35	32.20	25.00	25.25	559.45	1080.00	534.20	E
All Puyallup CB Locations	8	38%	25.50	326.00	340.61	128.25	46.20	64.10	527.00	1240.00	462.90	E
All Puyallup RB Locations	8	0%	25.50	105.00						< 105.00		U
All Puyallup AG Locations	8	25%	25.80	174.00	202.66	58.05	25.00	34.10	196.00	1020.00	161.90	E
All Puyallup FB Locations	8	13%	25.50	77.80	160.00	26.05	25.00	25.00	36.45	1080.00	11.45	E
All Puyallup Locations	32	19%	25.50	326.00	184.04	42.57	22.10	25.50	90.25	1240.00	64.75	E
All Monitoring Locations Combined												
All CB Locations	16	38%	25.50	465.00	311.48	170.75	46.20	55.75	397.50	1240.00	341.75	E
All RB Locations	16	0%	25.50	132.00						< 132.00		U
All AG Locations	16	13%	24.30	174.00	120.10	41.92	25.00	34.07	58.60	1020.00	24.52	E
All FB Locations	16	6%	25.50	94.00	96.16	29.92	23.80	25.25	35.53	1080.00	10.27	E
All Locations	64	14%	24.30	465.00	141.74	41.62	22.10	31.55	69.25	1240.00	37.70	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-165. Summary statistics for PBDE-049 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	0%	49.00	55.60						< 55.60		U
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	51.00						< 51.00		U
FB200	2	50%	47.60	49.50	25.42	25.42	24.75			26.10		E
FB203	2	0%	47.60	49.00						< 49.00		U
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	0%	49.00	55.60						< 55.60		U
All Snohomish AG Locations	4	0%	49.00	52.60						< 52.60		U
All Snohomish FB Locations	4	25%	47.60	49.50	24.79	24.62	23.80	24.15	25.42	26.10	1.27	E
All Snohomish Locations	15	7%	47.60	55.60	25.22	25.00	23.80	24.50	25.95	27.80	1.45	E
Puyallup Watershed												
CBA	2	50%	48.50	52.60	20.25	20.25	14.20			26.30		E
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	0%	49.50	51.00						< 51.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	33%	48.50	52.60	21.83	25.00	14.20	16.90	25.97	26.30	9.07	E
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	0%	49.00	51.00						< 51.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	7%	47.20	52.60	24.30	25.00	14.20	24.50	25.38	26.30	0.88	E
All Monitoring Locations Combined												
All CB Locations	6	17%	48.50	52.60	23.33	25.00	14.20	24.50	25.00	26.30	0.50	E
All RB Locations	8	0%	49.00	55.60						< 55.60		U
All AG Locations	8	0%	49.00	52.60						< 52.60		U
All FB Locations	8	13%	47.20	52.10	24.73	24.62	23.60	23.92	25.52	26.10	1.60	E
All Locations	30	7%	47.20	55.60	24.76	25.00	14.20	24.50	25.50	27.80	1.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-165. Summary statistics for PBDE-049 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	25%	15.00	68.50	44.66	23.58	7.50	10.20	79.12	124.00	68.93	E
CBX	4	25%	26.00	51.80	22.34	24.35	14.75	19.23	25.45	25.90	6.22	E
RB111	4	0%	18.70	50.00						< 50.00		U
RB202	4	0%	16.80	50.50						< 50.50		U
AG174	4	0%	27.50	50.50						< 50.50		U
AGG	4	0%	22.30	51.30						< 51.30		U
FB200	4	0%	21.20	51.50						< 51.50		U
FB203	4	0%	15.50	50.00						< 50.00		U
All Snohomish CB Locations	8	25%	15.00	68.50	33.50	24.35	7.50	13.82	30.08	124.00	16.25	E
All Snohomish RB Locations	8	0%	16.80	50.50						< 50.50		U
All Snohomish AG Locations	8	0%	22.30	51.30						< 51.30		U
All Snohomish FB Locations	8	0%	15.50	51.50						< 51.50		U
All Snomomish Locations	32	6%	15.00	68.50	22.21	23.75	7.50	13.10	25.00	124.00	11.90	E
Puyallup Watershed												
CBA	4	50%	25.80	56.20	48.38	37.50	25.00	25.00	71.75	93.50	46.75	E
CBB	4	50%	25.50	51.00	22.30	23.35	17.00	19.35	25.25	25.50	5.90	E
RB53	4	0%	25.50	53.20						< 53.20		U
RB209	4	0%	25.80	52.10						< 52.10		U
AG143	4	25%	26.30	51.50	35.26	25.38	25.00	25.00	45.53	65.30	20.52	E
AG62	4	0%	25.80	53.20						< 53.20		U
FB130	4	0%	25.80	50.00						< 50.00		U
FB372	4	25%	25.50	54.90	27.21	26.48	25.00	25.25	29.17	30.90	3.92	E
All Puyallup CB Locations	8	50%	25.50	56.20	35.34	25.00	17.00	23.35	37.75	93.50	14.40	E
All Puyallup RB Locations	8	0%	25.50	53.20						< 53.20		U
All Puyallup AG Locations	8	13%	25.80	53.20	28.82	25.00	12.90	25.00	26.17	65.30	1.17	E
All Puyallup FB Locations	8	13%	25.50	54.90	24.59	25.00	12.90	25.00	26.48	30.90	1.48	E
All Puyallup Locations	32	19%	25.50	56.20	27.79	25.00	12.75	25.00	25.90	93.50	0.90	E
All Monitoring Locations Combined												
All CB Locations	16	38%	15.00	68.50	34.42	25.00	7.50	19.35	30.08	124.00	10.73	E
All RB Locations	16	0%	16.80	53.20						< 53.20		U
All AG Locations	16	6%	22.30	53.20	23.92	25.00	11.15	13.98	25.45	65.30	11.48	E
All FB Locations	16	6%	15.50	54.90	21.35	25.00	7.75	13.45	25.25	30.90	11.80	E
All Locations	64	13%	15.00	68.50	25.00	25.00	7.50	13.82	25.50	124.00	11.68	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-166. Summary statistics for PBDE-066 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	0%	49.00	55.60						< 55.60		U
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	51.00						< 51.00		U
FB200	2	50%	47.60	49.50	32.03	32.03	24.75			39.30		E
FB203	2	0%	47.60	49.00						< 49.00		U
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	0%	49.00	55.60						< 55.60		U
All Snohomish AG Locations	4	0%	49.00	52.60						< 52.60		U
All Snohomish FB Locations	4	25%	47.60	49.50	28.09	24.62	23.80	24.15	32.03	39.30	7.88	E
All Snomomish Locations	15	7%	47.60	55.60	26.10	25.00	23.80	24.50	26.10	39.30	1.60	E
Puyallup Watershed												
CBA	2	0%	48.50	52.60						< 52.60		U
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	0%	49.50	51.00						< 51.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	0%	48.50	52.60						< 52.60		U
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	0%	49.00	51.00						< 51.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	0%	47.20	52.60						< 52.60		U
All Monitoring Locations Combined												
All CB Locations	6	0%	48.50	52.60						< 52.60		U
All RB Locations	8	0%	49.00	55.60						< 55.60		U
All AG Locations	8	0%	49.00	52.60						< 52.60		U
All FB Locations	8	13%	47.20	52.10	26.38	24.62	23.60	23.92	25.52	39.30	1.60	E
All Locations	30	3%	47.20	55.60	25.53	25.00	23.60	24.50	25.50	39.30	1.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-166. Summary statistics for PBDE-066 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	25%	12.40	68.50	28.41	23.58	6.20	9.55	47.28	60.30	37.72	E
CBX	4	0%	23.80	51.80						< 51.80		U
RB111	4	0%	17.60	50.00						< 50.00		U
RB202	4	0%	18.60	50.50						< 50.50		U
AG174	4	0%	27.50	50.50						< 50.50		U
AGG	4	0%	24.30	51.30						< 51.30		U
FB200	4	0%	26.60	51.50						< 51.50		U
FB203	4	0%	17.50	50.00						< 50.00		U
All Snohomish CB Locations	8	13%	12.40	68.50	23.68	19.00	6.20	12.40	30.08	60.30	17.67	E
All Snohomish RB Locations	8	0%	17.60	50.50						< 50.50		U
All Snohomish AG Locations	8	0%	24.30	51.30						< 51.30		U
All Snohomish FB Locations	8	0%	17.50	51.50						< 51.50		U
All Snomomish Locations	32	3%	12.40	68.50	19.97	19.65	6.20	12.95	25.00	60.30	12.05	E
Puyallup Watershed												
CBA	4	50%	25.80	56.20	35.88	28.40	25.00	25.00	46.75	61.70	21.75	E
CBB	4	50%	25.50	51.00	21.42	22.75	14.70	17.60	25.25	25.50	7.65	E
RB53	4	0%	25.50	53.20						< 53.20		U
RB209	4	0%	25.80	52.10						< 52.10		U
AG143	4	25%	26.30	51.50	29.11	25.38	25.00	25.00	33.22	40.70	8.23	E
AG62	4	0%	25.80	53.20						< 53.20		U
FB130	4	0%	25.80	50.00						< 50.00		U
FB372	4	0%	25.50	54.90						< 54.90		U
All Puyallup CB Locations	8	50%	25.50	56.20	28.65	25.00	14.70	22.75	28.65	61.70	5.90	E
All Puyallup RB Locations	8	0%	25.50	53.20						< 53.20		U
All Puyallup AG Locations	8	13%	25.80	53.20	25.74	25.00	12.90	25.00	26.17	40.70	1.17	E
All Puyallup FB Locations	8	0%	25.50	54.90						< 54.90		U
All Puyallup Locations	32	16%	25.50	56.20	24.78	25.00	12.75	25.00	25.62	61.70	0.62	E
All Monitoring Locations Combined												
All CB Locations	16	31%	12.40	68.50	26.17	25.00	6.20	13.85	28.85	61.70	15.00	E
All RB Locations	16	0%	17.60	53.20						< 53.20		U
All AG Locations	16	6%	24.30	53.20	22.55	25.00	12.15	14.62	25.45	40.70	10.82	E
All FB Locations	16	0%	17.50	54.90						< 54.90		U
All Locations	64	9%	12.40	68.50	22.38	25.00	6.20	13.65	25.50	61.70	11.85	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-167. Summary statistics for PBDE-071 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	0%	49.00	55.60						< 55.60		U
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	51.00						< 51.00		U
FB200	2	0%	47.60	49.50						< 49.50		U
FB203	2	0%	47.60	49.00						< 49.00		U
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	0%	49.00	55.60						< 55.60		U
All Snohomish AG Locations	4	0%	49.00	52.60						< 52.60		U
All Snohomish FB Locations	4	0%	47.60	49.50						< 49.50		U
All Snomomish Locations	15	0%	47.60	55.60						< 55.60		U
Puyallup Watershed												
CBA	2	0%	48.50	52.60						< 52.60		U
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	0%	49.50	51.00						< 51.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	0%	48.50	52.60						< 52.60		U
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	0%	49.00	51.00						< 51.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	0%	47.20	52.60						< 52.60		U
All Monitoring Locations Combined												
All CB Locations	6	0%	48.50	52.60						< 52.60		U
All RB Locations	8	0%	49.00	55.60						< 55.60		U
All AG Locations	8	0%	49.00	52.60						< 52.60		U
All FB Locations	8	0%	47.20	52.10						< 52.10		U
All Locations	30	0%	47.20	55.60						< 55.60		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-167. Summary statistics for PBDE-071 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event													
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag	
Snohomish Watershed													
CB335	4	25%	10.90	68.50	17.60	15.35	5.45	9.17	26.02	34.25	16.85	E	
CBX	4	0%	10.00	51.80						< 51.80		U	
RB111	4	0%	12.40	50.00						< 50.00		U	
RB202	4	0%	12.20	50.50						< 50.50		U	
AG174	4	0%	26.00	50.50						< 50.50		U	
AGG	4	0%	22.80	51.30						< 51.30		U	
FB200	4	0%	20.60	51.50						< 51.50		U	
FB203	4	0%	17.10	50.00						< 50.00		U	
All Snohomish CB Locations	8	13%	10.00	68.50	17.41	15.40	5.00	9.17	25.45	34.25	16.27	E	
All Snohomish RB Locations	8	0%	12.20	50.50						< 50.50		U	
All Snohomish AG Locations	8	0%	22.80	51.30						< 51.30		U	
All Snohomish FB Locations	8	0%	17.10	51.50						< 51.50		U	
All Snohomish Locations	32	3%	10.00	68.50	18.00	15.85	5.00	12.52	25.00	34.25	12.48	E	
Puyallup Watershed													
CBA	4	25%	25.80	56.20	23.23	25.00	14.80	19.90	26.55	28.10	6.65	E	
CBB	4	0%	25.50	51.00						< 51.00		U	
RB53	4	0%	25.50	53.20						< 53.20		U	
RB209	4	0%	25.80	52.10						< 52.10		U	
AG143	4	0%	26.30	51.50						< 51.50		U	
AG62	4	0%	25.80	53.20						< 53.20		U	
FB130	4	0%	25.80	50.00						< 50.00		U	
FB372	4	0%	25.50	54.90						< 54.90		U	
All Puyallup CB Locations	8	13%	25.50	56.20	22.36	25.00	12.75	18.77	25.25	28.10	6.47	E	
All Puyallup RB Locations	8	0%	25.50	53.20						< 53.20		U	
All Puyallup AG Locations	8	0%	25.80	53.20						< 53.20		U	
All Puyallup FB Locations	8	0%	25.50	54.90						< 54.90		U	
All Puyallup Locations	32	3%	25.50	56.20	22.35	25.00	12.75	18.77	25.50	28.10	6.72	E	
All Monitoring Locations Combined													
All CB Locations	16	13%	10.00	68.50	19.89	23.88	5.00	12.95	25.25	34.25	12.30	E	
All RB Locations	16	0%	12.20	53.20						< 53.20		U	
All AG Locations	16	0%	22.80	53.20						< 53.20		U	
All FB Locations	16	0%	17.10	54.90						< 54.90		U	
All Locations	64	3%	10.00	68.50	20.17	25.00	5.00	13.00	25.12	34.25	12.12	E	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-168. Summary statistics for PBDE-077 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	0%	49.00	55.60						< 55.60		U
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	51.00						< 51.00		U
FB200	2	0%	47.60	49.50						< 49.50		U
FB203	2	0%	47.60	49.00						< 49.00		U
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	0%	49.00	55.60						< 55.60		U
All Snohomish AG Locations	4	0%	49.00	52.60						< 52.60		U
All Snohomish FB Locations	4	0%	47.60	49.50						< 49.50		U
All Snohomish Locations	15	0%	47.60	55.60						< 55.60		U
Puyallup Watershed												
CBA	2	0%	48.50	52.60						< 52.60		U
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	0%	49.50	51.00						< 51.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	0%	48.50	52.60						< 52.60		U
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	0%	49.00	51.00						< 51.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	0%	47.20	52.60						< 52.60		U
All Monitoring Locations Combined												
All CB Locations	6	0%	48.50	52.60						< 52.60		U
All RB Locations	8	0%	49.00	55.60						< 55.60		U
All AG Locations	8	0%	49.00	52.60						< 52.60		U
All FB Locations	8	0%	47.20	52.10						< 52.10		U
All Locations	30	0%	47.20	55.60						< 55.60		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-168. Summary statistics for PBDE-077 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	0%	12.50	68.50						< 68.50		U
CBX	4	0%	11.00	51.80						< 51.80		U
RB111	4	0%	11.70	50.00						< 50.00		U
RB202	4	0%	12.40	50.50						< 50.50		U
AG174	4	0%	27.50	50.50						< 50.50		U
AGG	4	0%	24.30	51.30						< 51.30		U
FB200	4	0%	26.60	51.50						< 51.50		U
FB203	4	0%	27.20	50.00						< 50.00		U
All Snohomish CB Locations	8	0%	11.00	68.50						< 68.50		U
All Snohomish RB Locations	8	0%	11.70	50.50						< 50.50		U
All Snohomish AG Locations	8	0%	24.30	51.30						< 51.30		U
All Snohomish FB Locations	8	0%	26.60	51.50						< 51.50		U
All Snohomish Locations	32	0%	11.00	68.50						< 68.50		U
Puyallup Watershed												
CBA	4	0%	25.80	56.20						< 56.20		U
CBB	4	0%	25.50	51.00						< 51.00		U
RB53	4	0%	25.50	53.20						< 53.20		U
RB209	4	0%	25.80	52.10						< 52.10		U
AG143	4	0%	26.30	51.50						< 51.50		U
AG62	3	0%	25.80	53.20						< 53.20		U
FB130	4	0%	25.80	50.00						< 50.00		U
FB372	4	0%	25.50	54.90						< 54.90		U
All Puyallup CB Locations	8	0%	25.50	56.20						< 56.20		U
All Puyallup RB Locations	8	0%	25.50	53.20						< 53.20		U
All Puyallup AG Locations	7	0%	25.80	53.20						< 53.20		U
All Puyallup FB Locations	8	0%	25.50	54.90						< 54.90		U
All Puyallup Locations	31	0%	25.50	56.20						< 56.20		U
All Monitoring Locations Combined												
All CB Locations	16	0%	11.00	68.50						< 68.50		U
All RB Locations	16	0%	11.70	53.20						< 53.20		U
All AG Locations	15	0%	24.30	53.20						< 53.20		U
All FB Locations	16	0%	25.50	54.90						< 54.90		U
All Locations	63	0%	11.00	68.50						< 68.50		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-169. Summary statistics for PBDE-085 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	50%	49.00	55.60	20.15	20.15	15.80			24.50	5.50	E
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	51.00						< 51.00		U
FB200	2	50%	47.60	49.50	32.42	32.42	24.75			40.10	8.27	E
FB203	2	0%	47.60	49.00						< 49.00		U
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	25%	49.00	55.60	22.90	24.75	15.80	20.15	25.65	26.30	5.50	E
All Snohomish AG Locations	4	0%	49.00	52.60						< 52.60		U
All Snohomish FB Locations	4	25%	47.60	49.50	28.29	24.62	23.80	24.15	32.42	40.10	8.27	E
All Snomomish Locations	15	13%	47.60	55.60	25.35	24.75	15.80	24.50	25.38	40.10	0.88	E
Puyallup Watershed												
CBA	2	50%	48.50	52.60		21.00	15.70			26.30	7.95	E
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	50%	49.50	51.00	20.08	20.08	15.40			24.75	4.93	E
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	33%	48.50	52.60	22.33	25.00	15.70	18.02	25.97	26.30	7.95	E
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	25%	49.00	51.00	22.41	24.62	15.40	19.95	24.88	25.00	4.93	E
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	13%	47.20	52.60	23.73	24.75	15.40	24.16	25.00	26.30	0.84	E
All Monitoring Locations Combined												
All CB Locations	6	17%	48.50	52.60	23.58	25.00	15.70	24.50	25.00	26.30	0.50	E
All RB Locations	8	13%	49.00	55.60	24.02	24.88	15.80	24.50	25.65	26.30	1.15	E
All AG Locations	8	13%	49.00	52.60	23.84	24.75	15.40	24.50	25.25	26.30	0.75	E
All FB Locations	8	13%	47.20	52.10	26.48	24.62	23.60	23.92	25.52	40.10	1.60	E
All Locations	30	13%	47.20	55.60	24.54	24.75	15.40	24.50	25.00	40.10	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-169. Summary statistics for PBDE-085 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	18.90	68.50	33.64	26.95	9.45	11.17	56.10	71.20	44.92	E
CBX	4	25%	26.00	51.80	20.41	20.42	14.90	15.38	25.45	25.90	10.07	E
RB111	4	0%	16.40	50.00						< 50.00		U
RB202	4	0%	16.90	50.50						< 50.50		U
AG174	4	0%	22.40	50.50						< 50.50		U
AGG	4	0%	12.90	51.30						< 51.30		U
FB200	4	0%	19.80	51.50						< 51.50		U
FB203	4	0%	14.70	50.00						< 50.00		U
All Snohomish CB Locations	8	38%	18.90	68.50	27.02	20.42	9.45	13.90	33.45	71.20	19.55	E
All Snohomish RB Locations	8	0%	16.40	50.50						< 50.50		U
All Snohomish AG Locations	8	0%	12.90	51.30						< 51.30		U
All Snohomish FB Locations	8	0%	14.70	51.50						< 51.50		U
All Snomomish Locations	32	9%	12.90	68.50	20.28	19.83	6.45	12.52	25.00	71.20	12.48	E
Puyallup Watershed												
CBA	4	50%	25.80	56.20	33.38	32.20	25.00	25.00	41.75	44.10	16.75	E
CBB	4	50%	25.50	51.00	24.08	24.60	21.60	22.90	25.25	25.50	2.35	E
RB53	4	0%	25.50	53.20						< 53.20		U
RB209	4	0%	25.80	52.10						< 52.10		U
AG143	4	25%	26.30	51.50	41.84	25.38	25.00	25.00	58.67	91.60	33.67	E
AG62	4	0%	25.80	53.20						< 53.20		U
FB130	4	0%	25.80	50.00						< 50.00		U
FB372	4	25%	25.50	54.90	42.81	26.48	25.00	25.25	60.38	93.30	35.12	E
All Puyallup CB Locations	8	50%	25.50	56.20	28.73	25.00	21.60	24.60	32.45	44.10	7.85	E
All Puyallup RB Locations	8	0%	25.50	53.20						< 53.20		U
All Puyallup AG Locations	8	13%	25.80	53.20	32.11	25.00	12.90	25.00	26.17	91.60	1.17	E
All Puyallup FB Locations	8	13%	25.50	54.90	32.39	25.00	12.90	25.00	26.48	93.30	1.48	E
All Puyallup Locations	32	19%	25.50	56.20	28.91	25.00	12.75	25.00	25.90	93.30	0.90	E
All Monitoring Locations Combined												
All CB Locations	16	44%	18.90	68.50	27.88	25.00	9.45	18.73	32.65	71.20	13.93	E
All RB Locations	16	0%	16.40	53.20						< 53.20		U
All AG Locations	16	6%	12.90	53.20	25.08	25.00	6.45	13.32	25.45	91.60	12.12	E
All FB Locations	16	6%	14.70	54.90	25.18	25.00	7.35	13.45	25.25	93.30	11.80	E
All Locations	64	14%	12.90	68.50	24.59	25.00	6.45	13.75	25.50	93.30	11.75	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-170. Summary statistics for PBDE-099 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	50%	49.00	55.60	236.75	236.75	24.50			449.00		E
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	85.40						< 85.40		U
FB200	2	50%	47.60	49.50	456.88	456.88	24.75			889.00		E
FB203	2	0%	47.60	114.00						< 114.00		U
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	25%	49.00	55.60	131.20	25.65	24.50	24.75	237.65	449.00	212.90	E
All Snohomish AG Locations	4	0%	49.00	85.40						< 85.40		U
All Snohomish FB Locations	4	25%	47.60	114.00	248.81	40.88	24.50	24.62	473.00	889.00	448.38	E
All Snomomish Locations	15	13%	47.60	114.00	114.19	25.00	24.50	24.56	38.60	889.00	14.04	E
Puyallup Watershed												
CBA	2	0%	48.50	209.00						< 209.00		U
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	71.50						< 71.50		U
RB209	2	0%	49.00	72.10						< 72.10		U
AG143	2	0%	49.50	124.00						< 124.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	0%	48.50	209.00						< 209.00		U
All Puyallup RB Locations	4	0%	49.00	72.10						< 72.10		U
All Puyallup AG Locations	4	0%	49.00	124.00						< 124.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	0%	47.20	209.00						< 209.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	48.50	209.00						< 209.00		U
All RB Locations	8	13%	49.00	72.10	80.79	25.65	24.50	24.88	35.90	449.00	11.02	E
All AG Locations	8	0%	49.00	124.00						< 124.00		U
All FB Locations	8	13%	47.20	114.00	136.74	24.88	23.60	24.27	41.53	889.00	17.25	E
All Locations	30	7%	47.20	209.00	74.44	25.00	23.60	24.75	35.75	889.00	11.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-170. Summary statistics for PBDE-099 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	25.80	113.00	459.36	361.25	24.95	40.72	878.00	1090.00	837.28	E
CBX	4	50%	26.00	580.00	240.75	239.50	99.00	144.00	337.50	385.00	193.50	E
RB111	4	25%	27.80	84.20	40.34	33.55	22.45	23.73	56.95	71.80	33.22	E
RB202	4	25%	27.50	142.00	56.55	59.65	35.90	47.45	65.65	71.00	18.20	E
AG174	4	0%	27.50	65.10						< 65.10		U
AGG	4	0%	24.30	85.70						< 85.70		U
FB200	4	25%	26.60	53.40	64.71	26.23	24.40	25.08	104.35	182.00	79.27	E
FB203	4	0%	27.20	50.00						< 50.00		U
All Snohomish CB Locations	8	50%	25.80	580.00	350.06	239.50	24.95	77.75	525.50	1090.00	447.75	E
All Snohomish RB Locations	8	25%	27.50	142.00	48.44	50.55	22.45	30.45	65.65	71.80	35.20	E
All Snohomish AG Locations	8	0%	24.30	85.70						< 85.70		U
All Snohomish FB Locations	8	13%	26.60	53.40	43.72	25.00	17.10	24.10	26.23	182.00	2.12	E
All Snomomish Locations	32	22%	24.30	580.00	118.47	34.22	17.10	25.12	71.40	1090.00	46.28	E
Puyallup Watershed												
CBA	4	50%	25.80	223.00	711.62	498.25	50.00	80.75	1342.50	1800.00	1261.75	E
CBB	4	50%	25.50	193.00	301.11	232.75	43.95	70.22	532.00	695.00	461.77	E
RB53	4	0%	25.50	69.70						< 69.70		U
RB209	4	0%	25.80	91.30						< 91.30		U
AG143	4	50%	26.30	240.00	626.69	230.00	46.75	83.38	1170.00	2000.00	1086.62	E
AG62	4	0%	25.80	121.00						< 121.00		U
FB130	4	0%	25.80	66.50						< 66.50		U
FB372	4	25%	25.50	56.00	649.62	26.75	25.00	25.25	1274.00	2520.00	1248.75	E
All Puyallup CB Locations	8	50%	25.50	223.00	506.37	240.25	43.95	73.25	790.00	1800.00	716.75	E
All Puyallup RB Locations	8	0%	25.50	91.30						< 91.30		U
All Puyallup AG Locations	8	25%	25.80	240.00	331.14	53.62	25.00	28.42	230.00	2000.00	201.57	E
All Puyallup FB Locations	8	13%	25.50	66.50	336.83	25.25	12.90	25.00	30.62	2520.00	5.62	E
All Puyallup Locations	32	22%	25.50	240.00	300.49	34.05	12.90	25.00	115.75	2520.00	90.75	E
All Monitoring Locations Combined												
All CB Locations	16	50%	25.50	580.00	428.21	239.50	24.95	76.50	680.50	1800.00	604.00	E
All RB Locations	16	13%	25.50	142.00	38.03	32.88	14.40	25.00	52.33	71.80	27.33	E
All AG Locations	16	13%	24.30	240.00	181.41	32.47	25.00	25.52	53.62	2000.00	28.10	E
All FB Locations	16	13%	25.50	66.50	190.27	25.00	12.90	24.70	27.35	2520.00	2.65	E
All Locations	64	22%	24.30	580.00	209.48	34.05	12.90	25.00	97.75	2520.00	72.75	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-171. Summary statistics for PBDE-100 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	50.00	50.00	12.55	12.55	11.40			13.70		
CBX	1	100%	49.00	49.00		17.20						
RB111	2	50%	49.00	55.60	56.80	56.80	24.50			89.10		E
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	100%	49.00	51.00	16.55	16.55	12.00			21.10		
FB200	2	50%	47.60	49.50	99.88	99.88	24.75			175.00		E
FB203	2	50%	47.60	49.00	22.20	22.20	19.90			24.50		E
All Snohomish CB Locations	3	100%	49.00	50.00	14.10	13.70	11.40	11.97	16.33	17.20	4.35	
All Snohomish RB Locations	4	25%	49.00	55.60	41.22	25.65	24.50	24.75	57.70	89.10	32.95	E
All Snohomish AG Locations	4	50%	49.00	52.60	21.04	22.92	12.00	16.55	25.52	26.30	8.98	E
All Snohomish FB Locations	4	50%	47.60	49.50	61.04	24.62	19.90	22.20	99.88	175.00	77.68	E
All Snomomish Locations	15	53%	47.60	55.60	35.70	24.50	11.40	17.88	25.98	175.00	8.10	
Puyallup Watershed												
CBA	2	100%	48.50	52.60	29.90	29.90	19.70			40.10		
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	50%	49.50	52.60	20.48	20.48	16.20			24.75		E
RB209	2	50%	49.00	50.00	19.00	19.00	13.00			25.00		E
AG143	2	100%	49.50	51.00	13.75	13.75	10.20			17.30		
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	67%	48.50	52.60	28.27	25.00	19.70	21.03	36.32	40.10	15.30	
All Puyallup RB Locations	4	50%	49.00	52.60	19.74	20.48	13.00	14.60	24.88	25.00	10.27	E
All Puyallup AG Locations	4	50%	49.00	51.00	19.25	20.90	10.20	13.75	24.75	25.00	11.00	E
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	40%	47.20	52.60	22.63	24.50	10.20	17.90	25.00	40.10	7.10	E
All Monitoring Locations Combined												
All CB Locations	6	83%	48.50	52.60	21.18	18.45	11.40	13.70	25.00	40.10	11.30	
All RB Locations	8	38%	49.00	55.60	30.48	24.88	13.00	20.35	25.65	89.10	5.30	E
All AG Locations	8	50%	49.00	52.60	20.14	22.80	10.20	14.65	24.88	26.30	10.23	E
All FB Locations	8	25%	47.20	52.10	42.86	24.62	19.90	23.83	25.52	175.00	1.70	E
All Locations	30	47%	47.20	55.60	29.16	24.50	10.20	17.30	25.00	175.00	7.70	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-171. Summary statistics for PBDE-100 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	25.80	68.50	115.53	96.10	12.90	15.55	215.50	257.00	199.95	E
CBX	4	75%	26.00	132.00	71.18	74.90	22.90	44.45	97.90	112.00	53.45	
RB111	4	25%	26.10	50.00	18.14	17.25	13.05	13.48	22.80	25.00	9.32	E
RB202	4	25%	27.50	50.50	17.55	15.30	14.60	14.85	20.25	25.00	5.40	E
AG174	4	0%	27.50	50.50						< 50.50		U
AGG	4	25%	22.50	51.30	14.80	11.70	10.80	11.02	18.58	25.00	7.55	E
FB200	4	0%	21.10	51.50						< 51.50		U
FB203	4	0%	16.90	50.00						< 50.00		U
All Snohomish CB Locations	8	63%	25.80	132.00	93.35	74.90	12.90	20.55	143.00	257.00	122.45	
All Snohomish RB Locations	8	25%	26.10	50.50	17.84	15.30	13.05	14.25	22.80	25.00	8.55	E
All Snohomish AG Locations	8	13%	22.50	51.30	17.16	13.90	10.80	11.70	25.00	25.25	13.30	E
All Snohomish FB Locations	8	0%	16.90	51.50						< 51.50		U
All Snomomish Locations	32	25%	16.90	132.00	36.63	19.40	8.45	13.45	25.00	257.00	11.55	E
Puyallup Watershed												
CBA	4	100%	25.80	56.20	172.30	140.15	16.90	32.60	312.00	392.00	279.40	
CBB	4	75%	25.50	51.00	74.10	65.70	25.00	31.60	116.60	140.00	85.00	
RB53	4	0%	25.50	53.20						< 53.20		U
RB209	4	25%	25.80	52.10	19.54	19.60	12.90	13.55	25.52	26.05	11.98	E
AG143	4	50%	26.30	51.60	139.48	46.95	25.00	25.40	253.55	439.00	228.15	E
AG62	4	25%	25.80	53.20	18.92	18.95	11.20	12.05	25.80	26.60	13.75	E
FB130	4	0%	25.80	50.00						< 50.00		U
FB372	4	50%	25.50	54.90	120.24	26.23	11.50	18.25	222.23	417.00	203.98	E
All Puyallup CB Locations	8	88%	25.50	56.20	123.20	70.75	16.90	31.60	186.00	392.00	154.40	
All Puyallup RB Locations	8	13%	25.50	53.20	21.00	25.00	12.75	13.55	25.77	26.60	12.23	E
All Puyallup AG Locations	8	38%	25.80	53.20	79.20	25.40	11.20	18.95	47.35	439.00	28.40	E
All Puyallup FB Locations	8	25%	25.50	54.90	71.11	25.00	11.50	18.95	26.23	417.00	7.28	E
All Puyallup Locations	32	41%	25.50	56.20	73.63	25.00	11.20	20.95	43.25	439.00	22.30	E
All Monitoring Locations Combined												
All CB Locations	16	75%	25.50	132.00	108.28	74.90	12.90	23.95	157.00	392.00	133.05	
All RB Locations	16	19%	25.50	53.20	19.42	18.05	12.75	14.05	25.00	26.60	10.95	E
All AG Locations	16	25%	22.50	53.20	48.18	25.00	10.80	12.52	25.52	439.00	13.00	E
All FB Locations	16	13%	16.90	54.90	44.64	25.00	8.45	13.10	25.00	417.00	11.90	E
All Locations	64	33%	16.90	132.00	55.13	25.00	8.45	13.82	26.60	439.00	12.77	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-172. Summary statistics for PBDE-119 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	0%	49.00	55.60						< 55.60		U
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	51.00						< 51.00		U
FB200	2	0%	47.60	49.50						< 49.50		U
FB203	2	0%	47.60	49.00						< 49.00		U
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	0%	49.00	55.60						< 55.60		U
All Snohomish AG Locations	4	0%	49.00	52.60						< 52.60		U
All Snohomish FB Locations	4	0%	47.60	49.50						< 49.50		U
All Snomomish Locations	15	0%	47.60	55.60						< 55.60		U
Puyallup Watershed												
CBA	2	0%	48.50	52.60						< 52.60		U
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	0%	49.50	51.00						< 51.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	0%	48.50	52.60						< 52.60		U
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	0%	49.00	51.00						< 51.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	0%	47.20	52.60						< 52.60		U
All Monitoring Locations Combined												
All CB Locations	6	0%	48.50	52.60						< 52.60		U
All RB Locations	8	0%	49.00	55.60						< 55.60		U
All AG Locations	8	0%	49.00	52.60						< 52.60		U
All FB Locations	8	0%	47.20	52.10						< 52.10		U
All Locations	30	0%	47.20	55.60						< 55.60		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-172. Summary statistics for PBDE-119 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	0%	10.00	68.50						< 68.50		U
CBX	4	0%	10.60	51.80						< 51.80		U
RB111	4	0%	10.60	50.00						< 50.00		U
RB202	4	0%	10.00	50.50						< 50.50		U
AG174	4	0%	16.80	50.50						< 50.50		U
AGG	4	0%	10.10	51.30						< 51.30		U
FB200	4	0%	14.00	51.50						< 51.50		U
FB203	4	0%	12.90	50.00						< 50.00		U
All Snohomish CB Locations	8	0%	10.00	68.50						< 68.50		U
All Snohomish RB Locations	8	0%	10.00	50.50						< 50.50		U
All Snohomish AG Locations	8	0%	10.10	51.30						< 51.30		U
All Snohomish FB Locations	8	0%	12.90	51.50						< 51.50		U
All Snomomish Locations	32	0%	10.00	68.50						< 68.50		U
Puyallup Watershed												
CBA	4	0%	25.80	56.20						< 56.20		U
CBB	4	0%	25.50	51.00						< 51.00		U
RB53	4	0%	25.50	53.20						< 53.20		U
RB209	4	0%	25.80	52.10						< 52.10		U
AG143	4	0%	26.30	51.50						< 51.50		U
AG62	4	0%	25.80	53.20						< 53.20		U
FB130	4	0%	25.80	50.00						< 50.00		U
FB372	4	0%	25.50	54.90						< 54.90		U
All Puyallup CB Locations	8	0%	25.50	56.20						< 56.20		U
All Puyallup RB Locations	8	0%	25.50	53.20						< 53.20		U
All Puyallup AG Locations	8	0%	25.80	53.20						< 53.20		U
All Puyallup FB Locations	8	0%	25.50	54.90						< 54.90		U
All Puyallup Locations	32	0%	25.50	56.20						< 56.20		U
All Monitoring Locations Combined												
All CB Locations	16	0%	10.00	68.50						< 68.50		U
All RB Locations	16	0%	10.00	53.20						< 53.20		U
All AG Locations	16	0%	10.10	53.20						< 53.20		U
All FB Locations	16	0%	12.90	54.90						< 54.90		U
All Locations	64	0%	10.00	68.50						< 68.50		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-173. Summary statistics for PBDE-126 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	0%	49.00	55.60						< 55.60		U
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	51.00						< 51.00		U
FB200	2	0%	47.60	49.50						< 49.50		U
FB203	2	0%	47.60	49.00						< 49.00		U
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	0%	49.00	55.60						< 55.60		U
All Snohomish AG Locations	4	0%	49.00	52.60						< 52.60		U
All Snohomish FB Locations	4	0%	47.60	49.50						< 49.50		U
All Snomomish Locations	15	0%	47.60	55.60						< 55.60		U
Puyallup Watershed												
CBA	2	0%	48.50	52.60						< 52.60		U
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	0%	49.50	51.00						< 51.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	0%	48.50	52.60						< 52.60		U
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	0%	49.00	51.00						< 51.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	0%	47.20	52.60						< 52.60		U
All Monitoring Locations Combined												
All CB Locations	6	0%	48.50	52.60						< 52.60		U
All RB Locations	8	0%	49.00	55.60						< 55.60		U
All AG Locations	8	0%	49.00	52.60						< 52.60		U
All FB Locations	8	0%	47.20	52.10						< 52.10		U
All Locations	30	0%	47.20	55.60						< 55.60		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-173. Summary statistics for PBDE-126 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	0%	10.00	68.50						< 68.50		U
CBX	4	0%	10.00	51.80						< 51.80		U
RB111	4	0%	13.70	50.00						< 50.00		U
RB202	4	0%	11.40	50.50						< 50.50		U
AG174	4	0%	16.50	50.50						< 50.50		U
AGG	4	0%	14.40	51.30						< 51.30		U
FB200	4	0%	14.30	51.50						< 51.50		U
FB203	4	0%	10.30	50.00						< 50.00		U
All Snohomish CB Locations	8	0%	10.00	68.50						< 68.50		U
All Snohomish RB Locations	8	0%	11.40	50.50						< 50.50		U
All Snohomish AG Locations	8	0%	14.40	51.30						< 51.30		U
All Snohomish FB Locations	8	0%	10.30	51.50						< 51.50		U
All Snomomish Locations	32	0%	10.00	68.50						< 68.50		U
Puyallup Watershed												
CBA	4	0%	25.80	56.20						< 56.20		U
CBB	4	0%	25.50	51.00						< 51.00		U
RB53	4	0%	25.50	53.20						< 53.20		U
RB209	4	0%	25.80	52.10						< 52.10		U
AG143	4	0%	26.30	51.50						< 51.50		U
AG62	4	0%	25.80	53.20						< 53.20		U
FB130	4	0%	25.80	50.00						< 50.00		U
FB372	4	0%	25.50	54.90						< 54.90		U
All Puyallup CB Locations	8	0%	25.50	56.20						< 56.20		U
All Puyallup RB Locations	8	0%	25.50	53.20						< 53.20		U
All Puyallup AG Locations	8	0%	25.80	53.20						< 53.20		U
All Puyallup FB Locations	8	0%	25.50	54.90						< 54.90		U
All Puyallup Locations	32	0%	25.50	56.20						< 56.20		U
All Monitoring Locations Combined												
All CB Locations	16	0%	10.00	68.50						< 68.50		U
All RB Locations	16	0%	11.40	53.20						< 53.20		U
All AG Locations	16	0%	14.40	53.20						< 53.20		U
All FB Locations	16	0%	10.30	54.90						< 54.90		U
All Locations	64	0%	10.00	68.50						< 68.50		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-174. Summary statistics for PBDE-138 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	0%	49.00	55.60						< 55.60		U
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	51.00						< 51.00		U
FB200	2	50%	47.60	49.50	17.48	17.48	10.20			24.75		E
FB203	2	0%	47.60	49.00						< 49.00		U
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	0%	49.00	55.60						< 55.60		U
All Snohomish AG Locations	4	0%	49.00	52.60						< 52.60		U
All Snohomish FB Locations	4	25%	47.60	49.50	20.81	24.15	10.20	17.00	24.62	24.75	7.62	E
All Snohomish Locations	15	7%	47.60	55.60	24.16	24.75	10.20	24.50	25.38	27.80	0.88	E
Puyallup Watershed												
CBA	2	0%	48.50	52.60						< 52.60		U
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	0%	49.50	51.00						< 51.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	0%	48.50	52.60						< 52.60		U
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	0%	49.00	51.00						< 51.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	0%	47.20	52.60						< 52.60		U
All Monitoring Locations Combined												
All CB Locations	6	0%	48.50	52.60						< 52.60		U
All RB Locations	8	0%	49.00	55.60						< 55.60		U
All AG Locations	8	0%	49.00	52.60						< 52.60		U
All FB Locations	8	13%	47.20	52.10	22.74	24.27	10.20	23.70	24.88	26.05	1.17	E
All Locations	30	3%	47.20	55.60	24.56	24.88	10.20	24.50	25.50	27.80	1.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-174. Summary statistics for PBDE-138 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	25%	10.00	68.50	23.01	23.58	5.00	8.95	37.08	39.90	28.12	E
CBX	4	0%	19.60	51.80						< 51.80		U
RB111	4	0%	15.60	50.00						< 50.00		U
RB202	4	0%	13.90	50.50						< 50.50		U
AG174	4	0%	15.10	50.50						< 50.50		U
AGG	4	0%	14.80	51.30						< 51.30		U
FB200	4	0%	15.90	51.50						< 51.50		U
FB203	4	0%	14.70	50.00						< 50.00		U
All Snohomish CB Locations	8	13%	10.00	68.50	20.72	19.00	5.00	11.35	30.08	39.90	18.73	E
All Snohomish RB Locations	8	0%	13.90	50.50						< 50.50		U
All Snohomish AG Locations	8	0%	14.80	51.30						< 51.30		U
All Snohomish FB Locations	8	0%	14.70	51.50						< 51.50		U
All Snomomish Locations	32	3%	10.00	68.50	18.50	18.85	5.00	10.98	25.00	39.90	14.02	E
Puyallup Watershed												
CBA	4	25%	25.80	56.20	21.73	24.50	12.90	18.45	25.00	25.00	6.55	E
CBB	4	0%	25.50	51.00						< 51.00		U
RB53	4	0%	25.50	53.20						< 53.20		U
RB209	4	0%	25.80	52.10						< 52.10		U
AG143	4	25%	26.30	51.50	28.01	25.38	25.00	25.00	31.02	36.30	6.03	E
AG62	4	0%	25.80	53.20						< 53.20		U
FB130	4	0%	25.80	50.00						< 50.00		U
FB372	4	25%	25.50	54.90	29.14	26.48	25.00	25.25	33.03	38.60	7.78	E
All Puyallup CB Locations	8	13%	25.50	56.20	21.61	24.50	12.75	17.83	25.00	25.50	7.18	E
All Puyallup RB Locations	8	0%	25.50	53.20						< 53.20		U
All Puyallup AG Locations	8	13%	25.80	53.20	25.19	25.00	12.90	25.00	26.17	36.30	1.17	E
All Puyallup FB Locations	8	13%	25.50	54.90	25.56	25.00	12.90	25.00	26.48	38.60	1.48	E
All Puyallup Locations	32	9%	25.50	56.20	23.69	25.00	12.75	24.50	25.50	38.60	1.00	E
All Monitoring Locations Combined												
All CB Locations	16	13%	10.00	68.50	21.17	24.50	5.00	12.90	25.25	39.90	12.35	E
All RB Locations	16	0%	13.90	53.20						< 53.20		U
All AG Locations	16	6%	14.80	53.20	21.46	25.00	7.40	13.32	25.45	36.30	12.12	E
All FB Locations	16	6%	14.70	54.90	21.64	25.00	7.35	13.45	25.25	38.60	11.80	E
All Locations	64	6%	10.00	68.50	21.10	25.00	5.00	12.95	25.38	39.90	12.43	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-175. Summary statistics for PBDE-139 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	0%	49.00	55.60						< 55.60		U
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	51.00						< 51.00		U
FB200	2	50%	47.60	49.50	24.33	24.33	23.90			24.75		E
FB203	2	0%	47.60	49.00						< 49.00		U
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	0%	49.00	55.60						< 55.60		U
All Snohomish AG Locations	4	0%	49.00	52.60						< 52.60		U
All Snohomish FB Locations	4	25%	47.60	49.50	24.24	24.20	23.80	23.85	24.62	24.75	0.77	E
All Snomomish Locations	15	7%	47.60	55.60	25.07	24.75	23.80	24.50	25.38	27.80	0.88	E
Puyallup Watershed												
CBA	2	0%	48.50	52.60						< 52.60		U
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	0%	49.50	51.00						< 51.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	0%	48.50	52.60						< 52.60		U
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	0%	49.00	51.00						< 51.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	0%	47.20	52.60						< 52.60		U
All Monitoring Locations Combined												
All CB Locations	6	0%	48.50	52.60						< 52.60		U
All RB Locations	8	0%	49.00	55.60						< 55.60		U
All AG Locations	8	0%	49.00	52.60						< 52.60		U
All FB Locations	8	13%	47.20	52.10	24.46	24.27	23.60	23.85	24.88	26.05	1.02	E
All Locations	30	3%	47.20	55.60	25.02	24.88	23.60	24.50	25.50	27.80	1.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-175. Summary statistics for PBDE-139 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event													
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag	
Snohomish Watershed													
CB335	4	50%	10.00	68.50	17.15	14.85	5.00	8.95	25.35	33.90	16.40	E	
CBX	4	0%	10.90	51.80						< 51.80		U	
RB111	4	0%	10.00	50.00						< 50.00		U	
RB202	4	0%	10.00	50.50						< 50.50		U	
AG174	4	0%	12.40	50.50						< 50.50		U	
AGG	4	0%	10.00	51.30						< 51.30		U	
FB200	4	0%	10.00	51.50						< 51.50		U	
FB203	4	0%	10.10	50.00						< 50.00		U	
All Snohomish CB Locations	8	25%	10.00	68.50	17.24	14.90	5.00	9.17	25.45	33.90	16.27	E	
All Snohomish RB Locations	8	0%	10.00	50.50						< 50.50		U	
All Snohomish AG Locations	8	0%	10.00	51.30						< 51.30		U	
All Snohomish FB Locations	8	0%	10.00	51.50						< 51.50		U	
All Snomomish Locations	32	6%	10.00	68.50	17.20	15.35	5.00	9.17	25.00	33.90	15.82	E	
Puyallup Watershed													
CBA	4	25%	25.80	56.20	19.02	19.10	12.90	13.05	25.00	25.00	11.95	E	
CBB	4	0%	25.50	51.00						< 51.00		U	
RB53	4	0%	25.50	53.20						< 53.20		U	
RB209	4	0%	25.80	52.10						< 52.10		U	
AG143	4	25%	26.30	51.50	25.09	25.00	24.60	24.80	25.38	25.75	0.57	E	
AG62	4	0%	25.80	53.20						< 53.20		U	
FB130	4	0%	25.80	50.00						< 50.00		U	
FB372	4	25%	25.50	54.90	28.36	26.48	25.00	25.25	31.48	35.50	6.22	E	
All Puyallup CB Locations	8	13%	25.50	56.20	20.26	23.88	12.75	13.05	25.00	25.50	11.95	E	
All Puyallup RB Locations	8	0%	25.50	53.20						< 53.20		U	
All Puyallup AG Locations	8	13%	25.80	53.20	23.73	25.00	12.90	24.80	25.38	26.60	0.57	E	
All Puyallup FB Locations	8	13%	25.50	54.90	25.17	25.00	12.90	25.00	26.48	35.50	1.48	E	
All Puyallup Locations	32	9%	25.50	56.20	22.89	25.00	12.75	23.67	25.50	35.50	1.83	E	
All Monitoring Locations Combined													
All CB Locations	16	19%	10.00	68.50	18.75	19.77	5.00	12.90	25.00	33.90	12.10	E	
All RB Locations	16	0%	10.00	53.20						< 53.20		U	
All AG Locations	16	6%	10.00	53.20	20.49	25.00	5.00	13.32	25.12	26.60	11.80	E	
All FB Locations	16	6%	10.00	54.90	21.12	25.00	5.00	13.45	25.25	35.50	11.80	E	
All Locations	64	8%	10.00	68.50	20.05	25.00	5.00	12.95	25.12	35.50	12.18	E	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-176. Summary statistics for PBDE-140 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	0%	49.00	55.60						< 55.60		U
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	51.00						< 51.00		U
FB200	2	50%	47.60	49.50	19.12	19.12	13.50			24.75		E
FB203	2	0%	47.60	49.00						< 49.00		U
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	0%	49.00	55.60						< 55.60		U
All Snohomish AG Locations	4	0%	49.00	52.60						< 52.60		U
All Snohomish FB Locations	4	25%	47.60	49.50	21.64	24.15	13.50	18.65	24.62	24.75	5.97	E
All Snomomish Locations	15	7%	47.60	55.60	24.38	24.75	13.50	24.50	25.38	27.80	0.88	E
Puyallup Watershed												
CBA	2	0%	48.50	52.60						< 52.60		U
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	0%	49.50	51.00						< 51.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	0%	48.50	52.60						< 52.60		U
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	0%	49.00	51.00						< 51.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	0%	47.20	52.60						< 52.60		U
All Monitoring Locations Combined												
All CB Locations	6	0%	48.50	52.60						< 52.60		U
All RB Locations	8	0%	49.00	55.60						< 55.60		U
All AG Locations	8	0%	49.00	52.60						< 52.60		U
All FB Locations	8	13%	47.20	52.10	23.16	24.27	13.50	23.70	24.88	26.05	1.17	E
All Locations	30	3%	47.20	55.60	24.67	24.88	13.50	24.50	25.50	27.80	1.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-176. Summary statistics for PBDE-140 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	25%	10.00	68.50	17.99	16.35	5.00	8.95	27.02	34.25	18.08	E
CBX	4	0%	11.70	51.80						< 51.80		U
RB111	4	0%	14.60	50.00						< 50.00		U
RB202	4	0%	10.00	50.50						< 50.50		U
AG174	4	0%	12.80	50.50						< 50.50		U
AGG	4	0%	15.10	51.30						< 51.30		U
FB200	4	0%	20.60	51.50						< 51.50		U
FB203	4	0%	13.80	50.00						< 50.00		U
All Snohomish CB Locations	8	13%	10.00	68.50	17.71	16.40	5.00	9.38	25.45	34.25	16.08	E
All Snohomish RB Locations	8	0%	10.00	50.50						< 50.50		U
All Snohomish AG Locations	8	0%	12.80	51.30						< 51.30		U
All Snohomish FB Locations	8	0%	13.80	51.50						< 51.50		U
All Snomomish Locations	32	3%	10.00	68.50	17.70	16.85	5.00	11.23	25.00	34.25	13.77	E
Puyallup Watershed												
CBA	4	0%	25.80	56.20						< 56.20		U
CBB	4	0%	25.50	51.00						< 51.00		U
RB53	4	0%	25.50	53.20						< 53.20		U
RB209	4	0%	25.80	52.10						< 52.10		U
AG143	4	0%	26.30	51.50						< 51.50		U
AG62	4	0%	25.80	53.20						< 53.20		U
FB130	4	0%	25.80	50.00						< 50.00		U
FB372	4	0%	25.50	54.90						< 54.90		U
All Puyallup CB Locations	8	0%	25.50	56.20						< 56.20		U
All Puyallup RB Locations	8	0%	25.50	53.20						< 53.20		U
All Puyallup AG Locations	8	0%	25.80	53.20						< 53.20		U
All Puyallup FB Locations	8	0%	25.50	54.90						< 54.90		U
All Puyallup Locations	32	0%	25.50	56.20						< 56.20		U
All Monitoring Locations Combined												
All CB Locations	16	6%	10.00	68.50	19.92	23.88	5.00	12.90	25.25	34.25	12.35	E
All RB Locations	16	0%	10.00	53.20						< 53.20		U
All AG Locations	16	0%	12.80	53.20						< 53.20		U
All FB Locations	16	0%	13.80	54.90						< 54.90		U
All Locations	64	2%	10.00	68.50	19.99	25.00	5.00	12.90	25.12	34.25	12.23	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-177. Summary statistics for PBDE-153 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	50%	49.00	55.60	34.85	34.85	24.50			45.20		E
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	0%	49.00	51.00						< 51.00		U
FB200	2	50%	47.60	49.50	52.92	52.92	24.75			81.10		E
FB203	2	50%	47.60	49.00	18.45	18.45	12.40			24.50		E
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	25%	49.00	55.60	30.25	25.65	24.50	24.75	35.75	45.20	11.00	E
All Snohomish AG Locations	4	0%	49.00	52.60						< 52.60		U
All Snohomish FB Locations	4	50%	47.60	49.50	35.69	24.62	12.40	18.45	52.92	81.10	34.47	E
All Snomomish Locations	15	20%	47.60	55.60	29.29	25.00	12.40	24.50	26.10	81.10	1.60	E
Puyallup Watershed												
CBA	2	50%	48.50	52.60			25.70			26.30		E
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	0%	49.50	51.00						< 51.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	33%	48.50	52.60	25.67	25.70	25.00	25.18	26.15	26.30	0.98	E
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	0%	49.00	51.00						< 51.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	7%	47.20	52.60	25.07	25.00	23.60	24.56	25.65	26.30	1.09	E
All Monitoring Locations Combined												
All CB Locations	6	17%	48.50	52.60	25.25	25.00	24.50	25.00	25.70	26.30	0.70	E
All RB Locations	8	13%	49.00	55.60	27.69	25.00	24.50	24.62	26.30	45.20	1.67	E
All AG Locations	8	0%	49.00	52.60						< 52.60		U
All FB Locations	8	25%	47.20	52.10	30.18	24.62	12.40	23.83	25.52	81.10	1.70	E
All Locations	30	13%	47.20	55.60	27.18	25.00	12.40	24.50	25.70	81.10	1.20	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-177. Summary statistics for PBDE-153 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	20.10	68.50	65.16	55.80	10.05	11.48	118.85	139.00	107.38	E
CBX	4	75%	26.00	57.10	34.59	34.17	12.60	20.58	48.60	57.40	28.02	
RB111	4	0%	22.80	50.00						< 50.00		U
RB202	4	25%	23.10	50.50	15.55	12.82	11.55	11.73	19.38	25.00	7.65	E
AG174	4	0%	18.60	50.50						< 50.50		U
AGG	4	0%	19.60	51.30						< 51.30		U
FB200	4	25%	13.40	51.50	18.99	19.52	6.70	10.00	27.98	30.20	17.98	E
FB203	4	0%	19.60	50.00						< 50.00		U
All Snohomish CB Locations	8	63%	20.10	68.50	49.88	34.17	10.05	12.75	78.05	139.00	65.30	
All Snohomish RB Locations	8	13%	22.80	50.50	17.19	13.82	11.40	11.73	25.00	25.00	13.27	E
All Snohomish AG Locations	8	0%	18.60	51.30						< 51.30		U
All Snohomish FB Locations	8	13%	13.40	51.50	18.52	18.70	6.70	11.55	25.38	30.20	13.82	E
All Snomomish Locations	32	22%	13.40	68.50	25.95	18.85	6.70	12.02	25.45	139.00	13.43	E
Puyallup Watershed												
CBA	4	75%	25.80	56.20	109.47	83.00	17.90	21.45	197.50	254.00	176.05	
CBB	4	75%	25.50	51.00	43.68	33.75	13.80	19.65	67.70	93.40	48.05	
RB53	4	25%	25.50	53.20	18.66	18.88	11.40	12.07	25.25	25.50	13.18	E
RB209	4	0%	25.80	52.10						< 52.10		U
AG143	4	100%	26.30	51.50	82.57	32.40	18.50	23.40	141.75	247.00	118.35	
AG62	4	25%	25.80	53.20	20.23	21.50	12.90	15.45	25.00	25.00	9.55	E
FB130	4	0%	25.80	50.00						< 50.00		U
FB372	4	25%	25.50	54.90	101.24	26.48	25.00	25.25	177.23	327.00	151.98	E
All Puyallup CB Locations	8	75%	25.50	56.20	76.57	33.75	13.80	21.45	117.20	254.00	95.75	
All Puyallup RB Locations	8	13%	25.50	53.20	20.51	25.00	11.40	12.82	25.50	26.05	12.68	E
All Puyallup AG Locations	8	63%	25.80	53.20	51.40	25.00	12.90	18.25	32.40	247.00	14.15	
All Puyallup FB Locations	8	13%	25.50	54.90	61.61	25.00	12.90	25.00	26.48	327.00	1.48	E
All Puyallup Locations	32	41%	25.50	56.20	52.52	25.00	11.40	18.25	27.88	327.00	9.62	E
All Monitoring Locations Combined												
All CB Locations	16	69%	20.10	68.50	63.22	34.17	10.05	15.85	96.05	254.00	80.20	
All RB Locations	16	13%	22.80	53.20	18.85	19.45	11.40	12.32	25.00	26.05	12.68	E
All AG Locations	16	31%	18.60	53.20	34.82	25.00	9.30	13.32	25.45	247.00	12.12	E
All FB Locations	16	13%	13.40	54.90	40.06	25.00	6.70	13.45	25.62	327.00	12.18	E
All Locations	64	31%	13.40	68.50	39.24	25.00	6.70	13.10	25.90	327.00	12.80	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-178. Summary statistics for PBDE-154 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	50.00	50.00						< 50.00		U
CBX	1	0%	49.00	49.00						< 49.00		U
RB111	2	50%	49.00	55.60	25.85	25.85	24.50			27.20		E
RB202	2	0%	50.00	52.60						< 52.60		U
AG174	2	0%	49.50	52.60						< 52.60		U
AGG	2	50%	49.00	51.00	19.05	19.05	13.60			24.50		E
FB200	2	50%	47.60	49.50	50.33	50.33	24.75			75.90		E
FB203	2	50%	47.60	49.00	23.40	23.40	22.30			24.50		E
All Snohomish CB Locations	3	0%	49.00	50.00						< 50.00		U
All Snohomish RB Locations	4	25%	49.00	55.60	25.75	25.65	24.50	24.75	26.75	27.20	2.00	E
All Snohomish AG Locations	4	25%	49.00	52.60	22.29	24.62	13.60	19.05	25.52	26.30	6.47	E
All Snohomish FB Locations	4	50%	47.60	49.50	36.86	24.62	22.30	23.40	50.33	75.90	26.92	E
All Snomomish Locations	15	27%	47.60	55.60	27.61	24.75	13.60	24.50	25.98	75.90	1.48	E
Puyallup Watershed												
CBA	2	50%	48.50	52.60		23.80	21.30			26.30		E
CBB	1	0%	50.00	50.00						< 50.00		U
RB53	2	0%	49.50	52.60						< 52.60		U
RB209	2	0%	49.00	50.00						< 50.00		U
AG143	2	0%	49.50	51.00						< 51.00		U
AG62	2	0%	49.00	50.00						< 50.00		U
FB130	2	0%	47.20	52.10						< 52.10		U
FB372	2	0%	48.10	50.00						< 50.00		U
All Puyallup CB Locations	3	33%	48.50	52.60	24.20	25.00	21.30	22.23	25.97	26.30	3.75	E
All Puyallup RB Locations	4	0%	49.00	52.60						< 52.60		U
All Puyallup AG Locations	4	0%	49.00	51.00						< 51.00		U
All Puyallup FB Locations	4	0%	47.20	52.10						< 52.10		U
All Puyallup Locations	15	7%	47.20	52.60	24.77	25.00	21.30	24.50	25.38	26.30	0.88	E
All Monitoring Locations Combined												
All CB Locations	6	17%	48.50	52.60	24.52	25.00	21.30	24.50	25.00	26.30	0.50	E
All RB Locations	8	13%	49.00	55.60	25.44	25.00	24.50	24.62	26.30	27.20	1.67	E
All AG Locations	8	13%	49.00	52.60	23.61	24.75	13.60	24.50	25.25	26.30	0.75	E
All FB Locations	8	25%	47.20	52.10	30.77	24.62	22.30	23.83	25.52	75.90	1.70	E
All Locations	30	17%	47.20	55.60	26.19	24.88	13.60	24.50	25.50	75.90	1.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-178. Summary statistics for PBDE-154 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	16.50	68.50	60.56	44.00	8.25	10.57	110.55	146.00	99.98	E
CBX	4	50%	26.00	51.80	27.31	28.10	20.55	23.22	31.40	32.50	8.18	E
RB111	4	25%	10.70	50.00	13.69	12.20	5.35	7.93	19.45	25.00	11.52	E
RB202	4	50%	11.80	50.50	15.46	15.35	5.90	8.80	22.12	25.25	13.32	E
AG174	4	0%	16.40	50.50						< 50.50		U
AGG	4	0%	11.70	51.30						< 51.30		U
FB200	4	25%	10.00	51.50	15.21	15.05	5.00	9.15	21.27	25.75	12.12	E
FB203	4	0%	12.20	50.00						< 50.00		U
All Snohomish CB Locations	8	50%	16.50	68.50	43.94	28.10	8.25	16.72	53.80	146.00	37.08	E
All Snohomish RB Locations	8	38%	10.70	50.50	14.57	12.80	5.35	8.20	22.00	25.25	13.80	E
All Snohomish AG Locations	8	0%	11.70	51.30						< 51.30		U
All Snohomish FB Locations	8	13%	10.00	51.50	16.17	15.20	5.00	9.70	24.40	25.75	14.70	E
All Snomomish Locations	32	25%	10.00	68.50	23.07	17.90	5.00	11.10	25.25	146.00	14.15	E
Puyallup Watershed												
CBA	4	75%	25.80	56.20	84.20	56.60	24.60	24.80	143.60	199.00	118.80	
CBB	4	25%	25.50	51.00	35.59	25.25	22.75	23.88	47.30	69.10	23.42	E
RB53	4	0%	25.50	53.20						< 53.20		U
RB209	4	0%	25.80	52.10						< 52.10		U
AG143	4	50%	26.30	51.50	62.16	28.33	25.00	25.38	98.95	167.00	73.57	E
AG62	4	0%	25.80	53.20						< 53.20		U
FB130	4	0%	25.80	50.00						< 50.00		U
FB372	4	25%	25.50	54.90	71.24	26.48	25.00	25.25	117.22	207.00	91.97	E
All Puyallup CB Locations	8	50%	25.50	56.20	59.89	25.25	22.75	24.80	78.65	199.00	53.85	E
All Puyallup RB Locations	8	0%	25.50	53.20						< 53.20		U
All Puyallup AG Locations	8	25%	25.80	53.20	42.27	25.38	12.90	25.00	28.75	167.00	3.75	E
All Puyallup FB Locations	8	13%	25.50	54.90	46.61	25.00	12.90	25.00	26.48	207.00	1.48	E
All Puyallup Locations	32	22%	25.50	56.20	42.80	25.00	12.75	25.00	26.60	207.00	1.60	E
All Monitoring Locations Combined												
All CB Locations	16	50%	16.50	68.50	51.92	25.70	8.25	23.67	72.10	199.00	48.42	E
All RB Locations	16	19%	10.70	53.20	18.49	22.00	5.35	12.23	25.38	26.60	13.15	E
All AG Locations	16	13%	11.70	53.20	29.94	25.00	5.85	13.32	25.70	167.00	12.38	E
All FB Locations	16	13%	10.00	54.90	31.39	25.00	5.00	13.45	25.25	207.00	11.80	E
All Locations	64	23%	10.00	68.50	32.93	25.00	5.00	13.45	25.75	207.00	12.30	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-179. Summary statistics for PBDE-156-169 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	100.00	100.00						< 100.00		U
CBX	1	0%	98.00	98.00						< 98.00		U
RB111	2	0%	98.00	111.10						< 111.10		U
RB202	2	0%	100.00	105.30						< 105.30		U
AG174	2	0%	99.00	105.30						< 105.30		U
AGG	2	0%	98.00	102.00						< 102.00		U
FB200	2	0%	95.20	99.00						< 99.00		U
FB203	2	0%	95.20	98.00						< 98.00		U
All Snohomish CB Locations	3	0%	98.00	100.00						< 100.00		U
All Snohomish RB Locations	4	0%	98.00	111.10						< 111.10		U
All Snohomish AG Locations	4	0%	98.00	105.30						< 105.30		U
All Snohomish FB Locations	4	0%	95.20	99.00						< 99.00		U
All Snomomish Locations	15	0%	95.20	111.10						< 111.10		U
Puyallup Watershed												
CBA	2	0%	97.10	105.30						< 105.30		U
CBB	1	0%	100.00	100.00						< 100.00		U
RB53	2	0%	99.00	105.30						< 105.30		U
RB209	2	0%	98.00	100.00						< 100.00		U
AG143	2	0%	99.00	102.00						< 102.00		U
AG62	2	0%	98.00	100.00						< 100.00		U
FB130	2	0%	94.30	104.20						< 104.20		U
FB372	2	0%	96.20	100.00						< 100.00		U
All Puyallup CB Locations	3	0%	97.10	105.30						< 105.30		U
All Puyallup RB Locations	4	0%	98.00	105.30						< 105.30		U
All Puyallup AG Locations	4	0%	98.00	102.00						< 102.00		U
All Puyallup FB Locations	4	0%	94.30	104.20						< 104.20		U
All Puyallup Locations	15	0%	94.30	105.30						< 105.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	97.10	105.30						< 105.30		U
All RB Locations	8	0%	98.00	111.10						< 111.10		U
All AG Locations	8	0%	98.00	105.30						< 105.30		U
All FB Locations	8	0%	94.30	104.20						< 104.20		U
All Locations	30	0%	94.30	111.10						< 111.10		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-179. Summary statistics for PBDE-156-169 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	0%	18.90	137.00						< 137.00		U
CBX	4	0%	18.70	103.60						< 103.60		U
RB111	4	0%	18.00	100.00						< 100.00		U
RB202	4	0%	20.50	101.00						< 101.00		U
AG174	4	0%	37.90	101.00						< 101.00		U
AGG	4	0%	27.50	102.60						< 102.60		U
FB200	4	0%	31.70	103.10						< 103.10		U
FB203	4	0%	21.00	100.00						< 100.00		U
All Snohomish CB Locations	8	0%	18.70	137.00						< 137.00		U
All Snohomish RB Locations	8	0%	18.00	101.00						< 101.00		U
All Snohomish AG Locations	8	0%	27.50	102.60						< 102.60		U
All Snohomish FB Locations	8	0%	21.00	103.10						< 103.10		U
All Snomomish Locations	32	0%	18.00	137.00						< 137.00		U
Puyallup Watershed												
CBA	4	0%	51.50	112.40						< 112.40		U
CBB	4	0%	51.00	102.00						< 102.00		U
RB53	4	0%	51.00	106.40						< 106.40		U
RB209	4	0%	51.50	104.20						< 104.20		U
AG143	4	0%	52.60	103.10						< 103.10		U
AG62	4	0%	51.50	106.40						< 106.40		U
FB130	4	0%	51.50	100.00						< 100.00		U
FB372	4	0%	51.00	109.90						< 109.90		U
All Puyallup CB Locations	8	0%	51.00	112.40						< 112.40		U
All Puyallup RB Locations	8	0%	51.00	106.40						< 106.40		U
All Puyallup AG Locations	8	0%	51.50	106.40						< 106.40		U
All Puyallup FB Locations	8	0%	51.00	109.90						< 109.90		U
All Puyallup Locations	32	0%	51.00	112.40						< 112.40		U
All Monitoring Locations Combined												
All CB Locations	16	0%	18.70	137.00						< 137.00		U
All RB Locations	16	0%	18.00	106.40						< 106.40		U
All AG Locations	16	0%	27.50	106.40						< 106.40		U
All FB Locations	16	0%	21.00	109.90						< 109.90		U
All Locations	64	0%	18.00	137.00						< 137.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-180. Summary statistics for PBDE-171 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	100.00	100.00						< 100.00		U
CBX	1	0%	98.00	98.00						< 98.00		U
RB111	2	0%	98.00	111.10						< 111.10		U
RB202	2	0%	100.00	105.30						< 105.30		U
AG174	2	0%	99.00	105.30						< 105.30		U
AGG	2	0%	98.00	102.00						< 102.00		U
FB200	2	0%	95.20	99.00						< 99.00		U
FB203	2	0%	95.20	98.00						< 98.00		U
All Snohomish CB Locations	3	0%	98.00	100.00						< 100.00		U
All Snohomish RB Locations	4	0%	98.00	111.10						< 111.10		U
All Snohomish AG Locations	4	0%	98.00	105.30						< 105.30		U
All Snohomish FB Locations	4	0%	95.20	99.00						< 99.00		U
All Snohomish Locations	15	0%	95.20	111.10						< 111.10		U
Puyallup Watershed												
CBA	2	0%	97.10	105.30						< 105.30		U
CBB	1	0%	100.00	100.00						< 100.00		U
RB53	2	0%	99.00	105.30						< 105.30		U
RB209	2	0%	98.00	100.00						< 100.00		U
AG143	2	0%	99.00	102.00						< 102.00		U
AG62	2	0%	98.00	100.00						< 100.00		U
FB130	2	0%	94.30	104.20						< 104.20		U
FB372	2	0%	96.20	100.00						< 100.00		U
All Puyallup CB Locations	3	0%	97.10	105.30						< 105.30		U
All Puyallup RB Locations	4	0%	98.00	105.30						< 105.30		U
All Puyallup AG Locations	4	0%	98.00	102.00						< 102.00		U
All Puyallup FB Locations	4	0%	94.30	104.20						< 104.20		U
All Puyallup Locations	15	0%	94.30	105.30						< 105.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	97.10	105.30						< 105.30		U
All RB Locations	8	0%	98.00	111.10						< 111.10		U
All AG Locations	8	0%	98.00	105.30						< 105.30		U
All FB Locations	8	0%	94.30	104.20						< 104.20		U
All Locations	30	0%	94.30	111.10						< 111.10		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-180. Summary statistics for PBDE-171 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	25%	20.20	137.00	40.49	41.67	10.10	17.92	63.05	68.50	45.12	E
CBX	4	0%	22.50	103.60						< 103.60		U
RB111	4	0%	21.00	100.00						< 100.00		U
RB202	4	0%	21.50	101.00						< 101.00		U
AG174	4	0%	33.00	101.00						< 101.00		U
AGG	4	0%	27.90	102.60						< 102.60		U
FB200	4	0%	25.00	103.10						< 103.10		U
FB203	4	0%	26.70	100.00						< 100.00		U
All Snohomish CB Locations	8	13%	20.20	137.00	37.63	38.03	10.10	18.50	54.70	68.50	36.20	E
All Snohomish RB Locations	8	0%	21.00	101.00						< 101.00		U
All Snohomish AG Locations	8	0%	27.90	102.60						< 102.60		U
All Snohomish FB Locations	8	0%	25.00	103.10						< 103.10		U
All Snomomish Locations	32	3%	20.20	137.00								E
Puyallup Watershed												
CBA	4	25%	51.50	112.40	37.96	38.05	25.75	25.92	50.00	50.00	24.08	E
CBB	4	0%	51.00	102.00						< 102.00		U
RB53	4	0%	51.00	106.40						< 106.40		U
RB209	4	0%	51.50	104.20						< 104.20		U
AG143	4	25%	52.60	103.10	43.84	50.00	23.80	36.90	50.78	51.55	13.88	E
AG62	4	0%	51.50	106.40						< 106.40		U
FB130	4	0%	51.50	100.00						< 100.00		U
FB372	4	0%	51.00	109.90						< 109.90		U
All Puyallup CB Locations	8	13%	51.00	112.40	40.47	47.72	25.50	25.92	50.00	51.00	24.08	E
All Puyallup RB Locations	8	0%	51.00	106.40						< 106.40		U
All Puyallup AG Locations	8	13%	51.50	106.40	44.29	50.00	23.80	37.88	50.78	53.20	12.90	E
All Puyallup FB Locations	8	0%	51.00	109.90						< 109.90		U
All Puyallup Locations	32	6%	51.00	112.40	43.56	50.00	23.80	25.92	51.00	54.95	25.08	E
All Monitoring Locations Combined												
All CB Locations	16	13%	20.20	137.00	39.05	47.72	10.10	25.75	50.50	68.50	24.75	E
All RB Locations	16	0%	21.00	106.40						< 106.40		U
All AG Locations	16	6%	27.90	106.40	39.89	50.00	13.95	25.00	50.25	53.20	25.25	E
All FB Locations	16	0%	25.00	109.90						< 109.90		U
All Locations	64	5%	20.20	137.00	39.60	50.00	10.10	25.75	50.25	68.50	24.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-181. Summary statistics for PBDE-180 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	100.00	100.00						< 100.00		U
CBX	1	0%	98.00	98.00						< 98.00		U
RB111	2	0%	98.00	111.10						< 111.10		U
RB202	2	0%	100.00	105.30						< 105.30		U
AG174	2	0%	99.00	105.30						< 105.30		U
AGG	2	0%	98.00	102.00						< 102.00		U
FB200	2	0%	95.20	99.00						< 99.00		U
FB203	2	0%	95.20	98.00						< 98.00		U
All Snohomish CB Locations	3	0%	98.00	100.00						< 100.00		U
All Snohomish RB Locations	4	0%	98.00	111.10						< 111.10		U
All Snohomish AG Locations	4	0%	98.00	105.30						< 105.30		U
All Snohomish FB Locations	4	0%	95.20	99.00						< 99.00		U
All Snomomish Locations	15	0%	95.20	111.10						< 111.10		U
Puyallup Watershed												
CBA	2	0%	97.10	105.30						< 105.30		U
CBB	1	0%	100.00	100.00						< 100.00		U
RB53	2	0%	99.00	105.30						< 105.30		U
RB209	2	0%	98.00	100.00						< 100.00		U
AG143	2	0%	99.00	102.00						< 102.00		U
AG62	2	0%	98.00	100.00						< 100.00		U
FB130	2	0%	94.30	104.20						< 104.20		U
FB372	2	0%	96.20	100.00						< 100.00		U
All Puyallup CB Locations	3	0%	97.10	105.30						< 105.30		U
All Puyallup RB Locations	4	0%	98.00	105.30						< 105.30		U
All Puyallup AG Locations	4	0%	98.00	102.00						< 102.00		U
All Puyallup FB Locations	4	0%	94.30	104.20						< 104.20		U
All Puyallup Locations	15	0%	94.30	105.30						< 105.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	97.10	105.30						< 105.30		U
All RB Locations	8	0%	98.00	111.10						< 111.10		U
All AG Locations	8	0%	98.00	105.30						< 105.30		U
All FB Locations	8	0%	94.30	104.20						< 104.20		U
All Locations	30	0%	94.30	111.10						< 111.10		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-181. Summary statistics for PBDE-180 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	38.40	137.00	51.09	53.45	25.75	32.08	70.10	71.70	38.03	E
CBX	4	0%	20.00	103.60						< 103.60		U
RB111	4	25%	23.00	100.00	37.70	38.90	23.00	25.40	50.00	50.00	24.60	E
RB202	4	0%	22.60	101.00						< 101.00		U
AG174	4	25%	34.10	101.00	40.51	42.05	27.45	30.77	50.25	50.50	19.48	E
AGG	4	25%	22.20	102.60	36.94	37.12	22.20	23.23	50.65	51.30	27.42	E
FB200	4	25%	29.80	103.10	39.49	39.90	26.60	28.20	50.78	51.55	22.58	E
FB203	4	25%	20.10	100.00	36.21	37.38	20.10	23.62	48.80	50.00	25.17	E
All Snohomish CB Locations	8	25%	20.00	137.00	42.78	44.20	10.00	25.90	60.15	71.70	34.25	E
All Snohomish RB Locations	8	13%	22.60	101.00	36.26	38.90	11.30	25.23	50.00	50.50	24.77	E
All Snohomish AG Locations	8	25%	22.20	102.60	38.72	42.05	22.20	25.85	50.25	51.30	24.40	E
All Snohomish FB Locations	8	25%	20.10	103.10	37.85	38.70	20.10	26.88	50.00	51.55	23.12	E
All Snomomish Locations	32	22%	20.00	137.00	38.90	43.00	10.00	26.33	50.00	71.70	23.67	E
Puyallup Watershed												
CBA	4	0%	51.50	112.40						< 112.40		U
CBB	4	0%	51.00	102.00						< 102.00		U
RB53	4	0%	51.00	106.40						< 106.40		U
RB209	4	0%	51.50	104.20						< 104.20		U
AG143	4	0%	52.60	103.10						< 103.10		U
AG62	4	0%	51.50	106.40						< 106.40		U
FB130	4	0%	51.50	100.00						< 100.00		U
FB372	4	0%	51.00	109.90						< 109.90		U
All Puyallup CB Locations	8	0%	51.00	112.40						< 112.40		U
All Puyallup RB Locations	8	0%	51.00	106.40						< 106.40		U
All Puyallup AG Locations	8	0%	51.50	106.40						< 106.40		U
All Puyallup FB Locations	8	0%	51.00	109.90						< 109.90		U
All Puyallup Locations	32	0%	51.00	112.40						< 112.40		U
All Monitoring Locations Combined												
All CB Locations	16	13%	20.00	137.00	43.51	50.00	10.00	25.90	51.40	71.70	25.50	E
All RB Locations	16	6%	22.60	106.40	40.54	50.00	11.30	26.60	50.75	53.20	24.15	E
All AG Locations	16	13%	22.20	106.40	41.66	50.00	22.20	26.88	50.25	53.20	23.38	E
All FB Locations	16	13%	20.10	109.90	41.25	50.00	20.10	26.88	50.00	54.95	23.12	E
All Locations	64	11%	20.00	137.00	41.74	50.00	10.00	26.45	50.50	71.70	24.05	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-182. Summary statistics for PBDE-183 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	100.00	100.00						< 100.00		U
CBX	1	0%	98.00	98.00						< 98.00		U
RB111	2	0%	98.00	111.10						< 111.10		U
RB202	2	0%	100.00	105.30						< 105.30		U
AG174	2	0%	99.00	105.30						< 105.30		U
AGG	2	0%	98.00	102.00						< 102.00		U
FB200	2	0%	95.20	99.00						< 99.00		U
FB203	2	0%	95.20	98.00						< 98.00		U
All Snohomish CB Locations	3	0%	98.00	100.00						< 100.00		U
All Snohomish RB Locations	4	0%	98.00	111.10						< 111.10		U
All Snohomish AG Locations	4	0%	98.00	105.30						< 105.30		U
All Snohomish FB Locations	4	0%	95.20	99.00						< 99.00		U
All Snomomish Locations	15	0%	95.20	111.10						< 111.10		U
Puyallup Watershed												
CBA	2	50%	97.10	105.30	47.68	47.68	42.70			52.65		E
CBB	1	0%	100.00	100.00						< 100.00		U
RB53	2	0%	99.00	105.30						< 105.30		U
RB209	2	0%	98.00	100.00						< 100.00		U
AG143	2	0%	99.00	102.00						< 102.00		U
AG62	2	0%	98.00	100.00						< 100.00		U
FB130	2	0%	94.30	104.20						< 104.20		U
FB372	2	0%	96.20	100.00						< 100.00		U
All Puyallup CB Locations	3	33%	97.10	105.30	48.45	50.00	42.70	44.53	51.99	52.65	7.46	E
All Puyallup RB Locations	4	0%	98.00	105.30						< 105.30		U
All Puyallup AG Locations	4	0%	98.00	102.00						< 102.00		U
All Puyallup FB Locations	4	0%	94.30	104.20						< 104.20		U
All Puyallup Locations	15	7%	94.30	105.30	49.56	50.00	42.70	49.00	50.75	52.65	1.75	E
All Monitoring Locations Combined												
All CB Locations	6	17%	97.10	105.30	49.06	50.00	42.70	49.00	50.00	52.65	1.00	E
All RB Locations	8	0%	98.00	111.10						< 111.10		U
All AG Locations	8	0%	98.00	105.30						< 105.30		U
All FB Locations	8	0%	94.30	104.20						< 104.20		U
All Locations	30	3%	94.30	111.10	49.85	49.75	42.70	49.00	51.00	55.55	2.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-182. Summary statistics for PBDE-183 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	31.40	137.00	106.31	50.78	15.70	20.73	191.90	308.00	171.17	E
CBX	4	25%	39.40	103.60	35.70	35.65	19.70	20.50	50.90	51.80	30.40	E
RB111	4	0%	25.70	100.00						< 100.00		U
RB202	4	25%	26.00	101.00	38.49	38.72	26.00	26.73	50.25	50.50	23.52	E
AG174	4	0%	41.10	101.00						< 101.00		U
AGG	4	0%	27.20	102.60						< 102.60		U
FB200	4	0%	28.90	103.10						< 103.10		U
FB203	4	0%	29.30	100.00						< 100.00		U
All Snohomish CB Locations	8	38%	31.40	137.00	71.01	37.88	15.70	20.50	63.80	308.00	43.30	E
All Snohomish RB Locations	8	13%	25.70	101.00	36.83	38.90	12.85	26.73	50.00	50.50	23.27	E
All Snohomish AG Locations	8	0%	27.20	102.60						< 102.60		U
All Snohomish FB Locations	8	0%	28.90	103.10						< 103.10		U
All Snomomish Locations	32	13%	25.70	137.00	44.76	37.70	12.85	22.77	50.00	308.00	27.23	E
Puyallup Watershed												
CBA	4	50%	51.50	112.40	126.50	110.00	50.00	50.00	203.00	236.00	153.00	E
CBB	4	25%	51.00	102.00	37.62	37.75	24.00	24.75	50.50	51.00	25.75	E
RB53	4	0%	51.00	106.40						< 106.40		U
RB209	4	0%	51.50	104.20						< 104.20		U
AG143	4	25%	52.60	103.10	93.64	50.78	50.00	50.00	137.27	223.00	87.27	E
AG62	4	0%	51.50	106.40						< 106.40		U
FB130	4	0%	51.50	100.00						< 100.00		U
FB372	4	0%	51.00	109.90						< 109.90		U
All Puyallup CB Locations	8	38%	51.00	112.40	82.06	50.00	24.00	37.75	110.50	236.00	72.75	E
All Puyallup RB Locations	8	0%	51.00	106.40						< 106.40		U
All Puyallup AG Locations	8	13%	51.50	106.40	69.19	50.00	25.75	50.00	52.38	223.00	2.38	E
All Puyallup FB Locations	8	0%	51.00	109.90						< 109.90		U
All Puyallup Locations	32	13%	51.00	112.40	60.18	50.00	24.00	50.00	51.28	236.00	1.27	E
All Monitoring Locations Combined												
All CB Locations	16	38%	31.40	137.00	76.53	50.00	15.70	24.75	63.80	308.00	39.05	E
All RB Locations	16	6%	25.70	106.40	40.82	50.00	12.85	26.73	50.75	53.20	24.02	E
All AG Locations	16	6%	27.20	106.40	52.57	50.00	13.60	26.60	50.90	223.00	24.30	E
All FB Locations	16	0%	28.90	109.90						< 109.90		U
All Locations	64	13%	25.70	137.00	52.47	50.00	12.85	25.75	51.00	308.00	25.25	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-183. Summary statistics for PBDE-184 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	100.00	100.00						< 100.00		U
CBX	1	0%	98.00	98.00						< 98.00		U
RB111	2	0%	98.00	111.10						< 111.10		U
RB202	2	0%	100.00	105.30						< 105.30		U
AG174	2	0%	99.00	105.30						< 105.30		U
AGG	2	0%	98.00	102.00						< 102.00		U
FB200	2	0%	95.20	99.00						< 99.00		U
FB203	2	0%	95.20	98.00						< 98.00		U
All Snohomish CB Locations	3	0%	98.00	100.00						< 100.00		U
All Snohomish RB Locations	4	0%	98.00	111.10						< 111.10		U
All Snohomish AG Locations	4	0%	98.00	105.30						< 105.30		U
All Snohomish FB Locations	4	0%	95.20	99.00						< 99.00		U
All Snomomish Locations	15	0%	95.20	111.10						< 111.10		U
Puyallup Watershed												
CBA	2	0%	97.10	105.30						< 105.30		U
CBB	1	0%	100.00	100.00						< 100.00		U
RB53	2	0%	99.00	105.30						< 105.30		U
RB209	2	0%	98.00	100.00						< 100.00		U
AG143	2	0%	99.00	102.00						< 102.00		U
AG62	2	0%	98.00	100.00						< 100.00		U
FB130	2	0%	94.30	104.20						< 104.20		U
FB372	2	0%	96.20	100.00						< 100.00		U
All Puyallup CB Locations	3	0%	97.10	105.30						< 105.30		U
All Puyallup RB Locations	4	0%	98.00	105.30						< 105.30		U
All Puyallup AG Locations	4	0%	98.00	102.00						< 102.00		U
All Puyallup FB Locations	4	0%	94.30	104.20						< 104.20		U
All Puyallup Locations	15	0%	94.30	105.30						< 105.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	97.10	105.30						< 105.30		U
All RB Locations	8	0%	98.00	111.10						< 111.10		U
All AG Locations	8	0%	98.00	105.30						< 105.30		U
All FB Locations	8	0%	94.30	104.20						< 104.20		U
All Locations	30	0%	94.30	111.10						< 111.10		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-183. Summary statistics for PBDE-184 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	0%	20.00	137.00						< 137.00		U
CBX	4	0%	22.90	103.60						< 103.60		U
RB111	4	0%	24.80	100.00						< 100.00		U
RB202	4	0%	25.30	101.00						< 101.00		U
AG174	4	0%	35.80	101.00						< 101.00		U
AGG	4	0%	27.30	102.60						< 102.60		U
FB200	4	0%	30.10	103.10						< 103.10		U
FB203	4	0%	24.40	100.00						< 100.00		U
All Snohomish CB Locations	8	0%	20.00	137.00						< 137.00		U
All Snohomish RB Locations	8	0%	24.80	101.00						< 101.00		U
All Snohomish AG Locations	8	0%	27.30	102.60						< 102.60		U
All Snohomish FB Locations	8	0%	24.40	103.10						< 103.10		U
All Snomomish Locations	32	0%	20.00	137.00						< 137.00		U
Puyallup Watershed												
CBA	4	0%	51.50	112.40						< 112.40		U
CBB	4	0%	51.00	102.00						< 102.00		U
RB53	4	0%	51.00	106.40						< 106.40		U
RB209	4	0%	51.50	104.20						< 104.20		U
AG143	4	0%	52.60	103.10						< 103.10		U
AG62	4	0%	51.50	106.40						< 106.40		U
FB130	4	0%	51.50	100.00						< 100.00		U
FB372	4	0%	51.00	109.90						< 109.90		U
All Puyallup CB Locations	8	0%	51.00	112.40						< 112.40		U
All Puyallup RB Locations	8	0%	51.00	106.40						< 106.40		U
All Puyallup AG Locations	8	0%	51.50	106.40						< 106.40		U
All Puyallup FB Locations	8	0%	51.00	109.90						< 109.90		U
All Puyallup Locations	32	0%	51.00	112.40						< 112.40		U
All Monitoring Locations Combined												
All CB Locations	16	0%	20.00	137.00						< 137.00		U
All RB Locations	16	0%	24.80	106.40						< 106.40		U
All AG Locations	16	0%	27.30	106.40						< 106.40		U
All FB Locations	16	0%	24.40	109.90						< 109.90		U
All Locations	64	0%	20.00	137.00						< 137.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-184. Summary statistics for PBDE-191 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	100.00	100.00						< 100.00		U
CBX	1	0%	98.00	98.00						< 98.00		U
RB111	2	0%	98.00	111.10						< 111.10		U
RB202	2	0%	100.00	105.30						< 105.30		U
AG174	2	0%	99.00	105.30						< 105.30		U
AGG	2	0%	98.00	102.00						< 102.00		U
FB200	2	0%	95.20	99.00						< 99.00		U
FB203	2	0%	95.20	98.00						< 98.00		U
All Snohomish CB Locations	3	0%	98.00	100.00						< 100.00		U
All Snohomish RB Locations	4	0%	98.00	111.10						< 111.10		U
All Snohomish AG Locations	4	0%	98.00	105.30						< 105.30		U
All Snohomish FB Locations	4	0%	95.20	99.00						< 99.00		U
All Snomomish Locations	15	0%	95.20	111.10						< 111.10		U
Puyallup Watershed												
CBA	2	0%	97.10	105.30						< 105.30		U
CBB	1	0%	100.00	100.00						< 100.00		U
RB53	2	0%	99.00	105.30						< 105.30		U
RB209	2	0%	98.00	100.00						< 100.00		U
AG143	2	0%	99.00	102.00						< 102.00		U
AG62	2	0%	98.00	100.00						< 100.00		U
FB130	2	0%	94.30	104.20						< 104.20		U
FB372	2	0%	96.20	100.00						< 100.00		U
All Puyallup CB Locations	3	0%	97.10	105.30						< 105.30		U
All Puyallup RB Locations	4	0%	98.00	105.30						< 105.30		U
All Puyallup AG Locations	4	0%	98.00	102.00						< 102.00		U
All Puyallup FB Locations	4	0%	94.30	104.20						< 104.20		U
All Puyallup Locations	15	0%	94.30	105.30						< 105.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	97.10	105.30						< 105.30		U
All RB Locations	8	0%	98.00	111.10						< 111.10		U
All AG Locations	8	0%	98.00	105.30						< 105.30		U
All FB Locations	8	0%	94.30	104.20						< 104.20		U
All Locations	30	0%	94.30	111.10						< 111.10		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-184. Summary statistics for PBDE-191 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	25%	20.00	137.00	34.81	30.38	10.00	17.88	51.75	68.50	33.88	E
CBX	4	0%	23.60	103.60						< 103.60		U
RB111	4	0%	21.80	100.00						< 100.00		U
RB202	4	0%	26.60	101.00						< 101.00		U
AG174	4	0%	38.60	101.00						< 101.00		U
AGG	4	0%	25.90	102.60						< 102.60		U
FB200	4	0%	23.20	103.10						< 103.10		U
FB203	4	0%	23.00	100.00						< 100.00		U
All Snohomish CB Locations	8	13%	20.00	137.00	34.86	30.52	10.00	18.77	50.90	68.50	32.12	E
All Snohomish RB Locations	8	0%	21.80	101.00						< 101.00		U
All Snohomish AG Locations	8	0%	25.90	102.60						< 102.60		U
All Snohomish FB Locations	8	0%	23.00	103.10						< 103.10		U
All Snomomish Locations	32	3%	20.00	137.00	35.02	31.40	10.00	21.77	50.00	68.50	28.23	E
Puyallup Watershed												
CBA	4	0%	51.50	112.40						< 112.40		U
CBB	4	0%	51.00	102.00						< 102.00		U
RB53	4	0%	51.00	106.40						< 106.40		U
RB209	4	0%	51.50	104.20						< 104.20		U
AG143	4	25%	52.60	103.10	43.36	50.00	21.90	35.95	50.78	51.55	14.82	E
AG62	4	0%	51.50	106.40						< 106.40		U
FB130	4	0%	51.50	100.00						< 100.00		U
FB372	4	0%	51.00	109.90						< 109.90		U
All Puyallup CB Locations	8	0%	51.00	112.40						< 112.40		U
All Puyallup RB Locations	8	0%	51.00	106.40						< 106.40		U
All Puyallup AG Locations	8	13%	51.50	106.40	44.05	50.00	21.90	37.88	50.78	53.20	12.90	E
All Puyallup FB Locations	8	0%	51.00	109.90						< 109.90		U
All Puyallup Locations	32	3%	51.00	112.40	44.44	50.00	21.90	35.60	51.00	56.20	15.40	E
All Monitoring Locations Combined												
All CB Locations	16	6%	20.00	137.00	39.55	47.72	10.00	25.75	50.50	68.50	24.75	E
All RB Locations	16	0%	21.80	106.40						< 106.40		U
All AG Locations	16	6%	25.90	106.40	39.88	50.00	12.95	25.00	50.25	53.20	25.25	E
All FB Locations	16	0%	23.00	109.90						< 109.90		U
All Locations	64	3%	20.00	137.00	39.73	50.00	10.00	25.75	50.25	68.50	24.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-185. Summary statistics for PBDE-196 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	100.00	100.00						< 100.00		U
CBX	1	0%	98.00	98.00						< 98.00		U
RB111	2	0%	98.00	111.10						< 111.10		U
RB202	2	0%	100.00	263.20						< 263.20		U
AG174	2	0%	99.00	105.30						< 105.30		U
AGG	2	0%	98.00	102.00						< 102.00		U
FB200	2	0%	95.20	99.00						< 99.00		U
FB203	2	0%	95.20	98.00						< 98.00		U
All Snohomish CB Locations	3	0%	98.00	100.00						< 100.00		U
All Snohomish RB Locations	4	0%	98.00	263.20						< 263.20		U
All Snohomish AG Locations	4	0%	98.00	105.30						< 105.30		U
All Snohomish FB Locations	4	0%	95.20	99.00						< 99.00		U
All Snomomish Locations	15	0%	95.20	263.20						< 263.20		U
Puyallup Watershed												
CBA	2	0%	97.10	105.30						< 105.30		U
CBB	1	0%	100.00	100.00						< 100.00		U
RB53	2	0%	99.00	105.30						< 105.30		U
RB209	2	0%	98.00	100.00						< 100.00		U
AG143	2	0%	99.00	102.00						< 102.00		U
AG62	2	0%	98.00	100.00						< 100.00		U
FB130	2	0%	94.30	104.20						< 104.20		U
FB372	2	0%	96.20	100.00						< 100.00		U
All Puyallup CB Locations	3	0%	97.10	105.30						< 105.30		U
All Puyallup RB Locations	4	0%	98.00	105.30						< 105.30		U
All Puyallup AG Locations	4	0%	98.00	102.00						< 102.00		U
All Puyallup FB Locations	4	0%	94.30	104.20						< 104.20		U
All Puyallup Locations	15	0%	94.30	105.30						< 105.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	97.10	105.30						< 105.30		U
All RB Locations	8	0%	98.00	263.20						< 263.20		U
All AG Locations	8	0%	98.00	105.30						< 105.30		U
All FB Locations	8	0%	94.30	104.20						< 104.20		U
All Locations	30	0%	94.30	263.20						< 263.20		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-185. Summary statistics for PBDE-196 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	51.50	137.00	256.90	65.43	25.75	26.30	487.50	871.00	461.20	E
CBX	4	0%	22.80	103.60						< 103.60		U
RB111	4	0%	20.00	100.00						< 100.00		U
RB202	4	0%	20.00	101.00						< 101.00		U
AG174	4	0%	20.00	101.00						< 101.00		U
AGG	4	0%	29.40	102.60						< 102.60		U
FB200	4	0%	20.00	103.10						< 103.10		U
FB203	4	0%	20.00	100.00						< 100.00		U
All Snohomish CB Locations	8	25%	22.80	137.00	145.86	38.42	11.40	25.90	77.90	871.00	52.00	E
All Snohomish RB Locations	8	0%	20.00	101.00						< 101.00		U
All Snohomish AG Locations	8	0%	20.00	102.60						< 102.60		U
All Snohomish FB Locations	8	0%	20.00	103.10						< 103.10		U
All Snomomish Locations	32	6%	20.00	137.00	62.30	37.70	10.00	25.00	50.00	871.00	25.00	E
Puyallup Watershed												
CBA	4	25%	51.50	112.40	78.94	50.00	25.75	37.88	120.00	190.00	82.12	E
CBB	4	25%	51.00	102.00	38.05	37.85	25.50	25.60	50.50	51.00	24.90	E
RB53	4	0%	51.00	106.40						< 106.40		U
RB209	4	0%	51.50	104.20						< 104.20		U
AG143	4	25%	52.60	103.10	78.89	50.78	50.00	50.00	107.78	164.00	57.78	E
AG62	4	0%	51.50	106.40						< 106.40		U
FB130	4	0%	51.50	100.00						< 100.00		U
FB372	4	0%	51.00	109.90						< 109.90		U
All Puyallup CB Locations	8	25%	51.00	112.40	58.49	50.00	25.50	25.73	50.50	190.00	24.77	E
All Puyallup RB Locations	8	0%	51.00	106.40						< 106.40		U
All Puyallup AG Locations	8	13%	51.50	106.40	61.81	50.00	25.75	50.00	52.38	164.00	2.38	E
All Puyallup FB Locations	8	0%	51.00	109.90						< 109.90		U
All Puyallup Locations	32	9%	51.00	112.40	52.44	50.00	25.50	37.88	51.00	190.00	13.12	E
All Monitoring Locations Combined												
All CB Locations	16	25%	22.80	137.00	102.18	50.00	11.40	25.75	51.40	871.00	25.65	E
All RB Locations	16	0%	20.00	106.40						< 106.40		U
All AG Locations	16	6%	20.00	106.40	48.29	50.00	10.00	26.60	50.90	164.00	24.30	E
All FB Locations	16	0%	20.00	109.90						< 109.90		U
All Locations	64	8%	20.00	137.00	57.37	50.00	10.00	25.75	50.75	871.00	25.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-186. Summary statistics for PBDE-197-204 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	100.00	100.00						< 100.00		U
CBX	1	0%	98.00	98.00						< 98.00		U
RB111	2	0%	98.00	111.10						< 111.10		U
RB202	2	0%	100.00	105.30						< 105.30		U
AG174	2	0%	99.00	105.30						< 105.30		U
AGG	2	0%	98.00	102.00						< 102.00		U
FB200	2	0%	95.20	99.00						< 99.00		U
FB203	2	0%	95.20	98.00						< 98.00		U
All Snohomish CB Locations	3	0%	98.00	100.00						< 100.00		U
All Snohomish RB Locations	4	0%	98.00	111.10						< 111.10		U
All Snohomish AG Locations	4	0%	98.00	105.30						< 105.30		U
All Snohomish FB Locations	4	0%	95.20	99.00						< 99.00		U
All Snomomish Locations	15	0%	95.20	111.10						< 111.10		U
Puyallup Watershed												
CBA	2	0%	97.10	105.30						< 105.30		U
CBB	1	0%	100.00	100.00						< 100.00		U
RB53	2	0%	99.00	105.30						< 105.30		U
RB209	2	0%	98.00	100.00						< 100.00		U
AG143	2	0%	99.00	102.00						< 102.00		U
AG62	2	0%	98.00	100.00						< 100.00		U
FB130	2	0%	94.30	104.20						< 104.20		U
FB372	2	0%	96.20	100.00						< 100.00		U
All Puyallup CB Locations	3	0%	97.10	105.30						< 105.30		U
All Puyallup RB Locations	4	0%	98.00	105.30						< 105.30		U
All Puyallup AG Locations	4	0%	98.00	102.00						< 102.00		U
All Puyallup FB Locations	4	0%	94.30	104.20						< 104.20		U
All Puyallup Locations	15	0%	94.30	105.30						< 105.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	97.10	105.30						< 105.30		U
All RB Locations	8	0%	98.00	111.10						< 111.10		U
All AG Locations	8	0%	98.00	105.30						< 105.30		U
All FB Locations	8	0%	94.30	104.20						< 104.20		U
All Locations	30	0%	94.30	111.10						< 111.10		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-186. Summary statistics for PBDE-197-204 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	25%	52.30	274.00	186.18	94.28	26.15	38.85	333.50	530.00	294.65	E
CBX	4	25%	50.50	207.30	52.99	43.35	25.25	29.92	76.05	100.00	46.12	E
RB111	4	0%	45.60	200.00						< 200.00		U
RB202	4	0%	43.90	202.00						< 202.00		U
AG174	4	0%	72.60	202.00						< 202.00		U
AGG	4	0%	52.70	205.10						< 205.10		U
FB200	4	0%	45.60	206.20						< 206.20		U
FB203	4	0%	48.40	200.00						< 200.00		U
All Snohomish CB Locations	8	25%	50.50	274.00	119.58	51.82	25.25	30.38	118.50	530.00	88.12	E
All Snohomish RB Locations	8	0%	43.90	202.00						< 202.00		U
All Snohomish AG Locations	8	0%	52.70	205.10						< 205.10		U
All Snohomish FB Locations	8	0%	45.60	206.20						< 206.20		U
All Snomomish Locations	32	6%	43.90	274.00	82.36	55.25	21.95	35.45	100.00	530.00	64.55	E
Puyallup Watershed												
CBA	4	25%	100.00	224.70	95.14	75.78	50.00	50.78	139.50	179.00	88.72	E
CBB	4	50%	102.00	200.00	53.75	43.00	29.00	32.00	75.50	100.00	43.50	E
RB53	4	0%	102.00	212.80						< 212.80		U
RB209	4	0%	102.00	208.30						< 208.30		U
AG143	4	25%	100.00	206.20	111.03	101.55	50.00	75.00	147.05	191.00	72.05	E
AG62	4	0%	100.00	212.80						< 212.80		U
FB130	4	0%	100.00	200.00						< 200.00		U
FB372	4	0%	102.00	219.80						< 219.80		U
All Puyallup CB Locations	8	38%	100.00	224.70	74.44	51.28	29.00	42.50	100.00	179.00	57.50	E
All Puyallup RB Locations	8	0%	102.00	212.80						< 212.80		U
All Puyallup AG Locations	8	13%	100.00	212.80	94.01	100.00	50.00	50.78	104.75	191.00	53.97	E
All Puyallup FB Locations	8	0%	100.00	219.80						< 219.80		U
All Puyallup Locations	32	13%	100.00	224.70	80.50	75.78	29.00	51.00	100.00	191.00	49.00	E
All Monitoring Locations Combined												
All CB Locations	16	31%	50.50	274.00	97.01	51.55	25.25	34.80	100.00	530.00	65.20	E
All RB Locations	16	0%	43.90	212.80						< 212.80		U
All AG Locations	16	6%	52.70	212.80	82.61	100.00	26.35	50.00	101.78	191.00	51.78	E
All FB Locations	16	0%	45.60	219.80						< 219.80		U
All Locations	64	9%	43.90	274.00	81.43	55.25	21.95	50.50	100.00	530.00	49.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-187. Summary statistics for PBDE-201 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	100.00	100.00						< 100.00		U
CBX	1	0%	98.00	98.00						< 98.00		U
RB111	2	0%	98.00	111.10						< 111.10		U
RB202	2	0%	100.00	105.30						< 105.30		U
AG174	2	0%	99.00	105.30						< 105.30		U
AGG	2	0%	98.00	102.00						< 102.00		U
FB200	2	0%	95.20	99.00						< 99.00		U
FB203	2	0%	95.20	98.00						< 98.00		U
All Snohomish CB Locations	3	0%	98.00	100.00						< 100.00		U
All Snohomish RB Locations	4	0%	98.00	111.10						< 111.10		U
All Snohomish AG Locations	4	0%	98.00	105.30						< 105.30		U
All Snohomish FB Locations	4	0%	95.20	99.00						< 99.00		U
All Snomomish Locations	15	0%	95.20	111.10						< 111.10		U
Puyallup Watershed												
CBA	2	0%	97.10	105.30						< 105.30		U
CBB	1	0%	100.00	100.00						< 100.00		U
RB53	2	0%	99.00	105.30						< 105.30		U
RB209	2	0%	98.00	100.00						< 100.00		U
AG143	2	0%	99.00	102.00						< 102.00		U
AG62	2	0%	98.00	100.00						< 100.00		U
FB130	2	0%	94.30	104.20						< 104.20		U
FB372	2	0%	96.20	100.00						< 100.00		U
All Puyallup CB Locations	3	0%	97.10	105.30						< 105.30		U
All Puyallup RB Locations	4	0%	98.00	105.30						< 105.30		U
All Puyallup AG Locations	4	0%	98.00	102.00						< 102.00		U
All Puyallup FB Locations	4	0%	94.30	104.20						< 104.20		U
All Puyallup Locations	15	0%	94.30	105.30						< 105.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	97.10	105.30						< 105.30		U
All RB Locations	8	0%	98.00	111.10						< 111.10		U
All AG Locations	8	0%	98.00	105.30						< 105.30		U
All FB Locations	8	0%	94.30	104.20						< 104.20		U
All Locations	30	0%	94.30	111.10						< 111.10		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-187. Summary statistics for PBDE-201 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	25%	32.70	137.00	196.90	47.12	16.35	21.05	372.75	677.00	351.70	E
CBX	4	0%	37.90	103.60						< 103.60		U
RB111	4	0%	26.40	100.00						< 100.00		U
RB202	4	0%	20.70	101.00						< 101.00		U
AG174	4	0%	37.90	101.00						< 101.00		U
AGG	4	0%	32.30	102.60						< 102.60		U
FB200	4	0%	25.00	103.10						< 103.10		U
FB203	4	0%	27.00	100.00						< 100.00		U
All Snohomish CB Locations	8	13%	32.70	137.00	116.80	38.03	16.35	22.35	60.15	677.00	37.80	E
All Snohomish RB Locations	8	0%	20.70	101.00						< 101.00		U
All Snohomish AG Locations	8	0%	32.30	102.60						< 102.60		U
All Snohomish FB Locations	8	0%	25.00	103.10						< 103.10		U
All Snomomish Locations	32	3%	20.70	137.00			10.35	21.60	50.00	677.00	28.40	E
Puyallup Watershed												
CBA	4	50%	51.50	112.40	71.66	37.88	20.90	23.33	120.00	190.00	96.68	E
CBB	4	25%	51.00	102.00	38.62	39.00	25.50	26.75	50.50	51.00	23.75	E
RB53	4	0%	51.00	106.40						< 106.40		U
RB209	4	0%	51.50	104.20						< 104.20		U
AG143	4	25%	52.60	103.10	89.64	50.78	50.00	50.00	129.27	207.00	79.27	E
AG62	4	0%	51.50	106.40						< 106.40		U
FB130	4	0%	51.50	100.00						< 100.00		U
FB372	4	0%	51.00	109.90						< 109.90		U
All Puyallup CB Locations	8	38%	51.00	112.40	55.14	39.00	20.90	25.62	50.50	190.00	24.88	E
All Puyallup RB Locations	8	0%	51.00	106.40						< 106.40		U
All Puyallup AG Locations	8	13%	51.50	106.40	67.19	50.00	25.75	50.00	52.38	207.00	2.38	E
All Puyallup FB Locations	8	0%	51.00	109.90						< 109.90		U
All Puyallup Locations	32	13%	51.00	112.40	52.95	50.00	20.90	26.88	51.00	207.00	24.12	E
All Monitoring Locations Combined												
All CB Locations	16	25%	32.70	137.00	85.97	39.00	16.35	25.62	51.40	677.00	25.77	E
All RB Locations	16	0%	20.70	106.40						< 106.40		U
All AG Locations	16	6%	32.30	106.40	51.63	50.00	16.15	26.60	50.90	207.00	24.30	E
All FB Locations	16	0%	25.00	109.90						< 109.90		U
All Locations	64	8%	20.70	137.00	54.31	50.00	10.35	25.75	50.75	677.00	25.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-188. Summary statistics for PBDE-203 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	100.00	100.00	36.70	36.70	23.40			50.00		E
CBX	1	0%	98.00	98.00						< 98.00		U
RB111	2	0%	98.00	111.10						< 111.10		U
RB202	2	0%	100.00	263.20						< 263.20		U
AG174	2	0%	99.00	105.30						< 105.30		U
AGG	2	0%	98.00	102.00						< 102.00		U
FB200	2	0%	95.20	99.00						< 99.00		U
FB203	2	0%	95.20	98.00						< 98.00		U
All Snohomish CB Locations	3	33%	98.00	100.00	40.80	49.00	23.40	29.80	49.75	50.00	19.95	E
All Snohomish RB Locations	4	0%	98.00	263.20						< 263.20		U
All Snohomish AG Locations	4	0%	98.00	105.30						< 105.30		U
All Snohomish FB Locations	4	0%	95.20	99.00						< 99.00		U
All Snomomish Locations	15	7%	95.20	263.20	53.63	49.50	23.40	49.00	50.75	131.60	1.75	E
Puyallup Watershed												
CBA	2	0%	97.10	105.30						< 105.30		U
CBB	1	0%	100.00	100.00						< 100.00		U
RB53	2	0%	99.00	105.30						< 105.30		U
RB209	2	0%	98.00	100.00						< 100.00		U
AG143	2	0%	99.00	102.00						< 102.00		U
AG62	2	0%	98.00	100.00						< 100.00		U
FB130	2	0%	94.30	104.20						< 104.20		U
FB372	2	0%	96.20	100.00						< 100.00		U
All Puyallup CB Locations	3	0%	97.10	105.30						< 105.30		U
All Puyallup RB Locations	4	0%	98.00	105.30						< 105.30		U
All Puyallup AG Locations	4	0%	98.00	102.00						< 102.00		U
All Puyallup FB Locations	4	0%	94.30	104.20						< 104.20		U
All Puyallup Locations	15	0%	94.30	105.30						< 105.30		U
All Monitoring Locations Combined												
All CB Locations	6	17%	97.10	105.30	45.60	49.50	23.40	48.55	50.00	52.65	1.45	E
All RB Locations	8	0%	98.00	263.20						< 263.20		U
All AG Locations	8	0%	98.00	105.30						< 105.30		U
All FB Locations	8	0%	94.30	104.20						< 104.20		U
All Locations	30	3%	94.30	263.20	51.79	49.50	23.40	49.00	51.00	131.60	2.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-188. Summary statistics for PBDE-203 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	46.20	137.00	417.46	73.38	23.10	24.42	810.50	1500.00	786.08	E
CBX	4	25%	45.50	103.60	33.58	30.77	22.75	24.40	42.75	50.00	18.35	E
RB111	4	0%	29.60	100.00						< 100.00		U
RB202	4	0%	23.00	101.00						< 101.00		U
AG174	4	0%	38.70	101.00						< 101.00		U
AGG	4	0%	37.70	102.60						< 102.60		U
FB200	4	0%	42.60	103.10						< 103.10		U
FB203	4	0%	26.50	100.00						< 100.00		U
All Snohomish CB Locations	8	38%	45.50	137.00	225.52	30.77	22.75	24.42	85.50	1500.00	61.08	E
All Snohomish RB Locations	8	0%	23.00	101.00						< 101.00		U
All Snohomish AG Locations	8	0%	37.70	102.60						< 102.60		U
All Snohomish FB Locations	8	0%	26.50	103.10						< 103.10		U
All Snohomish Locations	32	9%	23.00	137.00	83.29	31.65	11.50	23.67	50.00	1500.00	26.33	E
Puyallup Watershed												
CBA	4	25%	51.50	112.40	98.44	50.00	25.75	37.88	159.00	268.00	121.12	E
CBB	4	50%	51.00	102.00	65.85	50.50	46.40	48.20	83.50	116.00	35.30	E
RB53	4	0%	51.00	106.40						< 106.40		U
RB209	4	0%	51.50	104.20						< 104.20		U
AG143	4	25%	52.60	103.10	116.89	50.78	50.00	50.00	183.77	316.00	133.77	E
AG62	4	0%	51.50	106.40						< 106.40		U
FB130	4	0%	51.50	100.00						< 100.00		U
FB372	4	0%	51.00	109.90						< 109.90		U
All Puyallup CB Locations	8	38%	51.00	112.40	82.14	50.00	25.75	48.20	83.50	268.00	35.30	E
All Puyallup RB Locations	8	0%	51.00	106.40						< 106.40		U
All Puyallup AG Locations	8	13%	51.50	106.40	80.81	50.00	25.75	50.00	52.38	316.00	2.38	E
All Puyallup FB Locations	8	0%	51.00	109.90						< 109.90		U
All Puyallup Locations	32	13%	51.00	112.40	63.11	50.00	25.50	50.00	51.28	316.00	1.27	E
All Monitoring Locations Combined												
All CB Locations	16	38%	45.50	137.00	153.83	50.00	22.75	25.90	83.50	1500.00	57.60	E
All RB Locations	16	0%	23.00	106.40						< 106.40		U
All AG Locations	16	6%	37.70	106.40	58.64	50.00	18.85	26.60	50.90	316.00	24.30	E
All FB Locations	16	0%	26.50	109.90						< 109.90		U
All Locations	64	11%	23.00	137.00	73.20	50.00	11.50	25.90	50.75	1500.00	24.85	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-189. Summary statistics for PBDE-205 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	100.00	100.00						< 100.00		U
CBX	1	0%	98.00	98.00						< 98.00		U
RB111	2	0%	98.00	111.10						< 111.10		U
RB202	2	0%	100.00	263.20						< 263.20		U
AG174	2	0%	99.00	105.30						< 105.30		U
AGG	2	0%	98.00	102.00						< 102.00		U
FB200	2	0%	95.20	99.00						< 99.00		U
FB203	2	0%	95.20	98.00						< 98.00		U
All Snohomish CB Locations	3	0%	98.00	100.00						< 100.00		U
All Snohomish RB Locations	4	0%	98.00	263.20						< 263.20		U
All Snohomish AG Locations	4	0%	98.00	105.30						< 105.30		U
All Snohomish FB Locations	4	0%	95.20	99.00						< 99.00		U
All Snomomish Locations	15	0%	95.20	263.20						< 263.20		U
Puyallup Watershed												
CBA	2	0%	97.10	105.30						< 105.30		U
CBB	1	0%	100.00	100.00						< 100.00		U
RB53	2	0%	99.00	105.30						< 105.30		U
RB209	2	0%	98.00	100.00						< 100.00		U
AG143	2	0%	99.00	102.00						< 102.00		U
AG62	2	0%	98.00	100.00						< 100.00		U
FB130	2	0%	94.30	104.20						< 104.20		U
FB372	2	0%	96.20	100.00						< 100.00		U
All Puyallup CB Locations	3	0%	97.10	105.30						< 105.30		U
All Puyallup RB Locations	4	0%	98.00	105.30						< 105.30		U
All Puyallup AG Locations	4	0%	98.00	102.00						< 102.00		U
All Puyallup FB Locations	4	0%	94.30	104.20						< 104.20		U
All Puyallup Locations	15	0%	94.30	105.30						< 105.30		U
All Monitoring Locations Combined												
All CB Locations	6	0%	97.10	105.30						< 105.30		U
All RB Locations	8	0%	98.00	263.20						< 263.20		U
All AG Locations	8	0%	98.00	105.30						< 105.30		U
All FB Locations	8	0%	94.30	104.20						< 104.20		U
All Locations	30	0%	94.30	263.20						< 263.20		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-189. Summary statistics for PBDE-205 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	0%	20.00	137.00						< 137.00		U
CBX	4	0%	20.00	103.60						< 103.60		U
RB111	4	0%	20.00	100.00						< 100.00		U
RB202	4	0%	20.00	101.00						< 101.00		U
AG174	4	0%	20.00	101.00						< 101.00		U
AGG	4	0%	22.80	102.60						< 102.60		U
FB200	4	0%	20.00	103.10						< 103.10		U
FB203	4	0%	20.00	100.00						< 100.00		U
All Snohomish CB Locations	8	0%	20.00	137.00						< 137.00		U
All Snohomish RB Locations	8	0%	20.00	101.00						< 101.00		U
All Snohomish AG Locations	8	0%	20.00	102.60						< 102.60		U
All Snohomish FB Locations	8	0%	20.00	103.10						< 103.10		U
All Snomomish Locations	32	0%	20.00	137.00						< 137.00		U
Puyallup Watershed												
CBA	4	0%	51.50	112.40						< 112.40		U
CBB	4	0%	51.00	102.00						< 102.00		U
RB53	4	0%	51.00	106.40						< 106.40		U
RB209	4	0%	51.50	104.20						< 104.20		U
AG143	4	0%	52.60	103.10						< 103.10		U
AG62	4	0%	51.50	106.40						< 106.40		U
FB130	4	0%	51.50	100.00						< 100.00		U
FB372	4	0%	51.00	109.90						< 109.90		U
All Puyallup CB Locations	8	0%	51.00	112.40						< 112.40		U
All Puyallup RB Locations	8	0%	51.00	106.40						< 106.40		U
All Puyallup AG Locations	8	0%	51.50	106.40						< 106.40		U
All Puyallup FB Locations	8	0%	51.00	109.90						< 109.90		U
All Puyallup Locations	32	0%	51.00	112.40						< 112.40		U
All Monitoring Locations Combined												
All CB Locations	16	0%	20.00	137.00						< 137.00		U
All RB Locations	16	0%	20.00	106.40						< 106.40		U
All AG Locations	16	0%	20.00	106.40						< 106.40		U
All FB Locations	16	0%	20.00	109.90						< 109.90		U
All Locations	64	0%	20.00	137.00						< 137.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-190. Summary statistics for PBDE-206 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	250.0	625.0	162.0	162.0	125.0			199.0		E
CBX	1	0%	245.0	245.0						< 245.0		U
RB111	2	0%	278.0	613.0						< 613.0		U
RB202	2	0%	250.0	263.0						< 263.0		U
AG174	2	0%	248.0	263.0						< 263.0		U
AGG	2	0%	245.0	255.0						< 255.0		U
FB200	2	0%	238.0	248.0						< 248.0		U
FB203	2	0%	238.0	245.0						< 245.0		U
All Snohomish CB Locations	3	33%	245.0	625.0	148.8	125.0	122.5	123.1	180.5	199.0	57.4	E
All Snohomish RB Locations	4	0%	250.0	613.0						< 613.0		U
All Snohomish AG Locations	4	0%	245.0	263.0						< 263.0		U
All Snohomish FB Locations	4	0%	238.0	248.0						< 248.0		U
All Snomomish Locations	15	7%	238.0	625.0	142.6	125.0	119.0	122.5	131.5	306.5	9.0	E
Puyallup Watershed												
CBA	2	0%	243.0	263.0						< 263.0		U
CBB	1	0%	250.0	250.0						< 250.0		U
RB53	2	0%	248.0	263.0						< 263.0		U
RB209	2	0%	245.0	250.0						< 250.0		U
AG143	2	0%	248.0	255.0						< 255.0		U
AG62	2	0%	245.0	250.0						< 250.0		U
FB130	2	0%	236.0	260.0						< 260.0		U
FB372	2	0%	240.0	250.0						< 250.0		U
All Puyallup CB Locations	3	0%	243.0	263.0						< 263.0		U
All Puyallup RB Locations	4	0%	245.0	263.0						< 263.0		U
All Puyallup AG Locations	4	0%	245.0	255.0						< 255.0		U
All Puyallup FB Locations	4	0%	236.0	260.0						< 260.0		U
All Puyallup Locations	15	0%	236.0	263.0						< 263.0		U
All Monitoring Locations Combined												
All CB Locations	6	17%	243.0	625.0	137.4	125.0	121.5	122.5	131.5	199.0	9.0	E
All RB Locations	8	0%	245.0	613.0						< 613.0		U
All AG Locations	8	0%	245.0	263.0						< 263.0		U
All FB Locations	8	0%	236.0	260.0						< 260.0		U
All Locations	30	3%	236.0	625.0	133.7	125.0	118.0	122.5	130.0	306.5	7.5	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-190. Summary statistics for PBDE-206 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	129.0	342.0	3972.4	712.5	64.5	109.8	7835.0	14400.0	7725.2	E
CBX	4	0%	50.0	259.0						< 259.0		U
RB111	4	0%	50.0	250.0						< 250.0		U
RB202	4	0%	50.0	253.0						< 253.0		U
AG174	4	0%	50.0	253.0						< 253.0		U
AGG	4	0%	50.0	256.0						< 256.0		U
FB200	4	0%	50.0	258.0						< 258.0		U
FB203	4	0%	50.0	250.0						< 250.0		U
All Snohomish CB Locations	8	25%	50.0	342.0	2029.2	127.2	25.0	64.8	712.5	14400.0	647.8	E
All Snohomish RB Locations	8	0%	50.0	253.0						< 253.0		U
All Snohomish AG Locations	8	0%	50.0	256.0						< 256.0		U
All Snohomish FB Locations	8	0%	50.0	258.0						< 258.0		U
All Snomomish Locations	32	6%	50.0	342.0	571.5	122.0	25.0	62.5	125.8	14400.0	63.2	E
Puyallup Watershed												
CBA	4	50%	129.0	281.0	1046.5	530.5	125.0	125.0	1968.0	3000.0	1843.0	E
CBB	4	50%	128.0	255.0	106.2	105.5	64.0	75.0	137.5	150.0	62.5	E
RB53	4	0%	128.0	266.0						< 266.0		U
RB209	4	0%	129.0	260.0						< 260.0		U
AG143	4	25%	132.0	258.0	539.8	127.0	125.0	125.0	954.5	1780.0	829.5	E
AG62	4	0%	129.0	266.0						< 266.0		U
FB130	4	0%	129.0	250.0						< 250.0		U
FB372	4	0%	128.0	275.0						< 275.0		U
All Puyallup CB Locations	8	50%	128.0	281.0	576.4	125.0	64.0	105.5	543.0	3000.0	437.5	E
All Puyallup RB Locations	8	0%	128.0	266.0						< 266.0		U
All Puyallup AG Locations	8	13%	129.0	266.0	325.8	125.0	64.5	125.0	131.0	1780.0	6.0	E
All Puyallup FB Locations	8	0%	128.0	275.0						< 275.0		U
All Puyallup Locations	32	16%	128.0	281.0	281.5	125.0	64.0	125.0	129.5	3000.0	4.5	E
All Monitoring Locations Combined												
All CB Locations	16	38%	50.0	342.0	1302.8	125.0	25.0	75.5	545.5	14400.0	470.0	E
All RB Locations	16	0%	50.0	266.0						< 266.0		U
All AG Locations	16	6%	50.0	266.0	205.6	125.0	25.0	66.5	127.2	1780.0	60.8	E
All FB Locations	16	0%	50.0	275.0						< 275.0		U
All Locations	64	11%	50.0	342.0	426.5	125.0	25.0	65.8	127.5	14400.0	61.8	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-191. Summary statistics for PBDE-207 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	250.0	625.0	174.5	174.5	125.0			224.0		E
CBX	1	0%	245.0	245.0						< 245.0		U
RB111	2	0%	278.0	613.0						< 613.0		U
RB202	2	0%	250.0	263.0						< 263.0		U
AG174	2	0%	248.0	263.0						< 263.0		U
AGG	2	0%	245.0	255.0						< 255.0		U
FB200	2	0%	238.0	248.0						< 248.0		U
FB203	2	0%	238.0	245.0						< 245.0		U
All Snohomish CB Locations	3	33%	245.0	625.0	157.2	125.0	122.5	123.1	199.2	224.0	76.1	E
All Snohomish RB Locations	4	0%	250.0	613.0						< 613.0		U
All Snohomish AG Locations	4	0%	245.0	263.0						< 263.0		U
All Snohomish FB Locations	4	0%	238.0	248.0						< 248.0		U
All Snomomish Locations	15	7%	238.0	625.0	144.2	125.0	119.0	122.5	131.5	306.5	9.0	E
Puyallup Watershed												
CBA	2	0%	243.0	263.0						< 263.0		U
CBB	1	0%	250.0	250.0						< 250.0		U
RB53	2	0%	248.0	263.0						< 263.0		U
RB209	2	0%	245.0	250.0						< 250.0		U
AG143	2	0%	248.0	255.0						< 255.0		U
AG62	2	0%	245.0	250.0						< 250.0		U
FB130	2	0%	236.0	260.0						< 260.0		U
FB372	2	0%	240.0	250.0						< 250.0		U
All Puyallup CB Locations	3	0%	243.0	263.0						< 263.0		U
All Puyallup RB Locations	4	0%	245.0	263.0						< 263.0		U
All Puyallup AG Locations	4	0%	245.0	255.0						< 255.0		U
All Puyallup FB Locations	4	0%	236.0	260.0						< 260.0		U
All Puyallup Locations	15	0%	236.0	263.0						< 263.0		U
All Monitoring Locations Combined												
All CB Locations	6	17%	243.0	625.0	141.6	125.0	121.5	122.5	131.5	224.0	9.0	E
All RB Locations	8	0%	245.0	613.0						< 613.0		U
All AG Locations	8	0%	245.0	263.0						< 263.0		U
All FB Locations	8	0%	236.0	260.0						< 260.0		U
All Locations	30	3%	236.0	625.0	134.6	125.0	118.0	122.5	130.0	306.5	7.5	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-191. Summary statistics for PBDE-207 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	129.0	342.0	3700.6	419.0	64.5	103.2	7298.0	13900.0	7194.8	E
CBX	4	0%	86.0	259.0						< 259.0		U
RB111	4	0%	50.0	250.0						< 250.0		U
RB202	4	0%	50.0	253.0						< 253.0		U
AG174	4	0%	50.0	253.0						< 253.0		U
AGG	4	0%	57.0	256.0						< 256.0		U
FB200	4	25%	50.0	258.0	105.0	127.0	25.0	75.0	135.0	141.0	60.0	E
FB203	4	0%	50.0	250.0						< 250.0		U
All Snohomish CB Locations	8	25%	86.0	342.0	1895.6	127.2	43.0	64.8	419.0	13900.0	354.2	E
All Snohomish RB Locations	8	0%	50.0	253.0						< 253.0		U
All Snohomish AG Locations	8	0%	50.0	256.0						< 256.0		U
All Snohomish FB Locations	8	13%	50.0	258.0	94.6	122.0	25.0	46.5	127.0	141.0	80.5	E
All Snomomish Locations	32	9%	50.0	342.0	540.6	125.0	25.0	62.5	126.5	13900.0	64.0	E
Puyallup Watershed												
CBA	4	50%	129.0	281.0	1177.5	582.5	125.0	125.0	2230.0	3420.0	2105.0	E
CBB	4	75%	128.0	255.0	196.5	142.0	106.0	115.5	277.5	396.0	162.0	
RB53	4	0%	128.0	266.0						< 266.0		U
RB209	4	0%	129.0	260.0						< 260.0		U
AG143	4	25%	132.0	258.0	464.8	127.0	125.0	125.0	804.5	1480.0	679.5	E
AG62	4	0%	129.0	266.0						< 266.0		U
FB130	4	0%	129.0	250.0						< 250.0		U
FB372	4	0%	128.0	275.0						< 275.0		U
All Puyallup CB Locations	8	63%	128.0	281.0	687.0	142.0	106.0	125.0	718.0	3420.0	593.0	
All Puyallup RB Locations	8	0%	128.0	266.0						< 266.0		U
All Puyallup AG Locations	8	13%	129.0	266.0	288.3	125.0	64.5	125.0	131.0	1480.0	6.0	E
All Puyallup FB Locations	8	0%	128.0	275.0						< 275.0		U
All Puyallup Locations	32	19%	128.0	281.0	299.8	125.0	64.0	125.0	131.5	3420.0	6.5	E
All Monitoring Locations Combined												
All CB Locations	16	44%	86.0	342.0	1291.3	127.2	43.0	115.5	546.0	13900.0	430.5	E
All RB Locations	16	0%	50.0	266.0						< 266.0		U
All AG Locations	16	6%	50.0	266.0	187.1	125.0	25.0	66.5	127.2	1480.0	60.8	E
All FB Locations	16	6%	50.0	275.0	103.2	125.0	25.0	66.2	126.2	141.0	60.0	E
All Locations	64	14%	50.0	342.0	420.2	125.0	25.0	68.2	128.5	13900.0	60.2	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-192. Summary statistics for PBDE-208 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	250.0	625.0	161.5	161.5	125.0			198.0		E
CBX	1	0%	245.0	245.0						< 245.0		U
RB111	2	0%	278.0	613.0						< 613.0		U
RB202	2	0%	250.0	263.0						< 263.0		U
AG174	2	0%	248.0	263.0						< 263.0		U
AGG	2	0%	245.0	255.0						< 255.0		U
FB200	2	0%	238.0	248.0						< 248.0		U
FB203	2	0%	238.0	245.0						< 245.0		U
All Snohomish CB Locations	3	33%	245.0	625.0	148.5	125.0	122.5	123.1	179.8	198.0	56.6	E
All Snohomish RB Locations	4	0%	250.0	613.0						< 613.0		U
All Snohomish AG Locations	4	0%	245.0	263.0						< 263.0		U
All Snohomish FB Locations	4	0%	238.0	248.0						< 248.0		U
All Snomomish Locations	15	7%	238.0	625.0	142.5	125.0	119.0	122.5	131.5	306.5	9.0	E
Puyallup Watershed												
CBA	2	0%	243.0	263.0						< 263.0		U
CBB	1	0%	250.0	250.0						< 250.0		U
RB53	2	0%	248.0	263.0						< 263.0		U
RB209	2	0%	245.0	250.0						< 250.0		U
AG143	2	0%	248.0	255.0						< 255.0		U
AG62	2	0%	245.0	250.0						< 250.0		U
FB130	2	0%	236.0	260.0						< 260.0		U
FB372	2	0%	240.0	250.0						< 250.0		U
All Puyallup CB Locations	3	0%	243.0	263.0						< 263.0		U
All Puyallup RB Locations	4	0%	245.0	263.0						< 263.0		U
All Puyallup AG Locations	4	0%	245.0	255.0						< 255.0		U
All Puyallup FB Locations	4	0%	236.0	260.0						< 260.0		U
All Puyallup Locations	15	0%	236.0	263.0						< 263.0		U
All Monitoring Locations Combined												
All CB Locations	6	17%	243.0	625.0	137.2	125.0	121.5	122.5	131.5	198.0	9.0	E
All RB Locations	8	0%	245.0	613.0						< 613.0		U
All AG Locations	8	0%	245.0	263.0						< 263.0		U
All FB Locations	8	0%	236.0	260.0						< 260.0		U
All Locations	30	3%	236.0	625.0	133.7	125.0	118.0	122.5	130.0	306.5	7.5	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-192. Summary statistics for PBDE-208 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	50%	129.0	342.0	3253.0	423.8	64.5	76.0	6430.0	12100.0	6354.0	E
CBX	4	0%	84.0	259.0						< 259.0		U
RB111	4	0%	50.0	250.0						< 250.0		U
RB202	4	0%	50.0	253.0						< 253.0		U
AG174	4	0%	72.6	253.0						< 253.0		U
AGG	4	0%	50.0	256.0						< 256.0		U
FB200	4	0%	50.0	258.0						< 258.0		U
FB203	4	0%	50.0	250.0						< 250.0		U
All Snohomish CB Locations	8	25%	84.0	342.0	1671.7	106.2	42.0	64.8	444.8	12100.0	380.0	E
All Snohomish RB Locations	8	0%	50.0	253.0						< 253.0		U
All Snohomish AG Locations	8	0%	50.0	256.0						< 256.0		U
All Snohomish FB Locations	8	0%	50.0	258.0						< 258.0		U
All Snomomish Locations	32	6%	50.0	342.0	482.5	103.2	25.0	62.5	125.0	12100.0	62.5	E
Puyallup Watershed												
CBA	4	50%	129.0	281.0	642.5	602.5	125.0	125.0	1160.0	1240.0	1035.0	E
CBB	4	75%	128.0	255.0	160.8	125.5	112.0	118.5	203.0	280.0	84.5	
RB53	4	0%	128.0	266.0						< 266.0		U
RB209	4	0%	129.0	260.0						< 260.0		U
AG143	4	25%	132.0	258.0	587.2	127.0	125.0	125.0	1049.5	1970.0	924.5	E
AG62	4	0%	129.0	266.0						< 266.0		U
FB130	4	0%	129.0	250.0						< 250.0		U
FB372	4	0%	128.0	275.0						< 275.0		U
All Puyallup CB Locations	8	63%	128.0	281.0	401.6	125.5	112.0	125.0	680.0	1240.0	555.0	
All Puyallup RB Locations	8	0%	128.0	266.0						< 266.0		U
All Puyallup AG Locations	8	13%	129.0	266.0	349.6	125.0	64.5	125.0	131.0	1970.0	6.0	E
All Puyallup FB Locations	8	0%	128.0	275.0						< 275.0		U
All Puyallup Locations	32	19%	128.0	281.0	243.7	125.0	64.0	125.0	129.5	1970.0	4.5	E
All Monitoring Locations Combined												
All CB Locations	16	44%	84.0	342.0	1036.7	125.0	42.0	99.8	520.0	12100.0	420.2	E
All RB Locations	16	0%	50.0	266.0						< 266.0		U
All AG Locations	16	6%	50.0	266.0	218.2	125.0	25.0	66.5	127.2	1970.0	60.8	E
All FB Locations	16	0%	50.0	275.0						< 275.0		U
All Locations	64	13%	50.0	342.0	363.1	125.0	25.0	67.2	127.5	12100.0	60.2	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-193. Summary statistics for PBDE-209 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	250.0	625.0	4470.0	4470.0	290.0			8650.0		
CBX	1	100%	245.0	245.0		409.0						
RB111	2	0%	278.0	613.0						< 613.0		U
RB202	2	0%	250.0	263.0						< 263.0		U
AG174	2	0%	248.0	263.0						< 263.0		U
AGG	2	50%	245.0	255.0	197.8	197.8	127.5			268.0		E
FB200	2	0%	238.0	250.0						< 250.0		U
FB203	2	0%	238.0	250.0						< 250.0		U
All Snohomish CB Locations	3	100%	245.0	625.0	3116.3	409.0	290.0	319.8	6589.7	8650.0	6270.0	
All Snohomish RB Locations	4	0%	250.0	613.0						< 613.0		U
All Snohomish AG Locations	4	25%	245.0	263.0	163.0	129.5	125.0	126.2	199.8	268.0	73.5	E
All Snohomish FB Locations	4	0%	238.0	250.0						< 250.0		U
All Snomomish Locations	15	27%	238.0	625.0	746.9	131.5	125.0	125.0	284.5	8650.0	159.5	E
Puyallup Watershed												
CBA	2	50%	243.0	263.0	208.8	208.8	131.5			286.0		E
CBB	1	100%	250.0	250.0		507.0						
RB53	2	0%	248.0	263.0						< 263.0		U
RB209	2	0%	245.0	250.0						< 250.0		U
AG143	2	0%	248.0	255.0						< 255.0		U
AG62	2	0%	245.0	260.0						< 260.0		U
FB130	2	0%	236.0	260.0						< 260.0		U
FB372	2	0%	240.0	250.0						< 250.0		U
All Puyallup CB Locations	3	67%	243.0	263.0	308.2	286.0	131.5	170.1	451.8	507.0	281.6	
All Puyallup RB Locations	4	0%	245.0	263.0						< 263.0		U
All Puyallup AG Locations	4	0%	245.0	260.0						< 260.0		U
All Puyallup FB Locations	4	0%	236.0	260.0						< 260.0		U
All Puyallup Locations	15	13%	236.0	263.0	162.9	125.0	125.0	125.0	131.1	507.0	6.1	E
All Monitoring Locations Combined												
All CB Locations	6	83%	243.0	625.0	1712.2	349.5	131.5	286.0	507.0	8650.0	221.0	
All RB Locations	8	0%	245.0	613.0						< 613.0		U
All AG Locations	8	13%	245.0	263.0	144.9	127.5	125.0	125.0	130.8	268.0	5.8	E
All FB Locations	8	0%	236.0	260.0						< 260.0		U
All Locations	30	20%	236.0	625.0	454.9	127.5	125.0	125.0	139.0	8650.0	14.0	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-193. Summary statistics for PBDE-209 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	4	75%	129.0	12900.0	69253.8	26445.0	125.0	6512.5	131995.0	224000.0	125482.5	
CBX	4	100%	130.0	986.0	1974.0	1880.0	986.0	1223.0	2725.0	3150.0	1502.0	
RB111	4	0%	139.0	479.0						< 479.0		U
RB202	4	0%	137.0	253.0						< 253.0		U
AG174	4	0%	137.0	253.0						< 253.0		U
AGG	4	25%	121.0	256.0	252.2	126.5	125.0	125.0	379.5	631.0	254.5	E
FB200	4	25%	133.0	345.0	260.9	148.8	125.0	125.0	396.8	621.0	271.8	E
FB203	4	25%	136.0	250.0	194.0	125.0	125.0	125.0	263.0	401.0	138.0	E
All Snohomish CB Locations	8	88%	129.0	12900.0	35613.9	2725.0	125.0	1223.0	26445.0	224000.0	25222.0	
All Snohomish RB Locations	8	0%	137.0	479.0						< 479.0		U
All Snohomish AG Locations	8	13%	121.0	256.0	188.8	125.0	125.0	125.0	127.2	631.0	2.2	E
All Snohomish FB Locations	8	25%	133.0	345.0	227.4	125.0	125.0	125.0	286.8	621.0	161.8	E
All Snomomish Locations	32	31%	121.0	12900.0	9042.4	125.0	125.0	125.0	626.0	224000.0	501.0	E
Puyallup Watershed												
CBA	4	100%	129.0	281.0	13443.2	10605.0	833.0	986.5	25900.0	31730.0	24913.5	
CBB	4	100%	128.0	255.0	2890.0	2980.0	1440.0	1680.0	4100.0	4160.0	2420.0	
RB53	4	0%	128.0	266.0						< 266.0		U
RB209	4	25%	129.0	882.0	239.5	196.0	125.0	127.5	351.5	441.0	224.0	E
AG143	4	50%	132.0	258.0	12199.2	261.0	125.0	127.0	24271.5	48150.0	24144.5	E
AG62	4	25%	129.0	266.0	158.5	129.0	125.0	125.0	192.0	251.0	67.0	E
FB130	4	0%	129.0	250.0						< 250.0		U
FB372	4	0%	128.0	275.0						< 275.0		U
All Puyallup CB Locations	8	100%	128.0	281.0	8166.6	2980.0	833.0	1290.0	12115.0	31730.0	10825.0	
All Puyallup RB Locations	8	13%	128.0	882.0	183.6	128.8	125.0	125.0	197.5	441.0	72.5	E
All Puyallup AG Locations	8	38%	129.0	266.0	6178.9	131.0	125.0	125.0	322.0	48150.0	197.0	E
All Puyallup FB Locations	8	0%	128.0	275.0						< 275.0		U
All Puyallup Locations	32	38%	128.0	882.0	3664.0	131.5	125.0	125.0	986.5	48150.0	861.5	E
All Monitoring Locations Combined												
All CB Locations	16	94%	128.0	12900.0	21890.2	2725.0	125.0	1290.0	16485.0	224000.0	15195.0	
All RB Locations	16	6%	128.0	882.0	161.5	125.0	125.0	125.0	131.5	441.0	6.5	E
All AG Locations	16	25%	121.0	266.0	3183.8	125.8	125.0	125.0	192.0	48150.0	67.0	E
All FB Locations	16	13%	128.0	345.0	177.2	125.0	125.0	125.0	132.5	621.0	7.5	E
All Locations	64	34%	121.0	12900.0	6353.2	127.5	125.0	125.0	732.0	224000.0	607.0	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-194. Summary statistics for total PCBs concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	877.40	877.40	372.80			1382.00		
CBX	1	100%	190.00	190.00		107.00						
RB111	2	50%	19.00	21.00	17.25	17.25	9.50			25.00		E
RB202	2	0%	20.00	790.00						< 790.00		U
AG174	2	50%	19.00	20.00	24.00	24.00	10.00			38.00		E
AGG	2	50%	190.00	640.00	211.00	211.00	102.00			320.00		E
FB200	2	50%	190.00	730.00	188.00	188.00	11.00			365.00		E
FB203	2	100%	63.00	190.00	63.00	63.00	26.00			100.00		
All Snohomish CB Locations	3	100%	19.00	190.00	620.60	372.80	107.00	173.45	1129.70	1382.00	956.25	
All Snohomish RB Locations	4	25%	19.00	790.00	109.88	17.50	9.50	9.75	210.00	395.00	200.25	E
All Snohomish AG Locations	4	50%	19.00	640.00	117.50	70.00	10.00	24.00	211.00	320.00	187.00	E
All Snohomish FB Locations	4	75%	63.00	730.00	125.50	63.00	11.00	18.50	232.50	365.00	214.00	
All Snomomish Locations	15	60%	19.00	790.00	218.22	100.00	9.50	14.50	353.75	1382.00	339.25	
Puyallup Watershed												
CBA	2	100%	19.00	190.00	830.70	830.70	310.00			1351.40		
CBB	1	100%	190.00	190.00		230.00						
RB53	2	50%	200.00	660.00	276.95	276.95	223.90			330.00		E
RB209	2	50%	200.00	820.00	272.00	272.00	134.00			410.00		E
AG143	2	100%	20.00	190.00	637.00	637.00	410.00			864.00		
AG62	2	50%	200.00	800.00	279.50	279.50	159.00			400.00		E
FB130	2	50%	190.00	740.00	244.00	244.00	118.00			370.00		E
FB372	2	50%	190.00	660.00	227.00	227.00	124.00			330.00		E
All Puyallup CB Locations	3	100%	19.00	190.00	630.47	310.00	230.00	250.00	1091.05	1351.40	841.05	
All Puyallup RB Locations	4	50%	200.00	820.00	274.48	276.95	134.00	178.95	370.00	410.00	191.05	E
All Puyallup AG Locations	4	75%	20.00	800.00	458.25	405.00	159.00	279.50	637.00	864.00	357.50	
All Puyallup FB Locations	4	50%	190.00	740.00	235.50	227.00	118.00	121.00	350.00	370.00	229.00	E
All Puyallup Locations	15	67%	19.00	820.00	384.29	330.00	118.00	175.22	407.50	1351.40	232.28	
All Monitoring Locations Combined												
All CB Locations	6	100%	19.00	190.00	625.53	341.40	107.00	230.00	1351.40	1382.00	1121.40	
All RB Locations	8	38%	19.00	820.00	192.18	178.95	9.50	17.50	362.50	410.00	345.00	E
All AG Locations	8	63%	19.00	800.00	287.88	239.50	10.00	70.00	405.00	864.00	335.00	
All FB Locations	8	63%	63.00	740.00	180.50	121.00	11.00	63.00	347.50	370.00	284.50	
All Locations	30	63%	19.00	820.00	301.25	226.95	9.50	100.00	372.80	1382.00	272.80	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-194. Summary statistics for total PCBs concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	17394.33	13124.00	11710.00	12063.50	23792.75	27349.00	11729.25	
CBX	3	100%	14.00	200.00	757.33	872.00	131.00	316.25	1169.75	1269.00	853.50	
RB111	3	100%	19.00	190.00	1043.67	1151.00	98.00	361.25	1699.25	1882.00	1338.00	
RB202	3	67%	95.00	200.00	199.17	109.00	47.50	62.88	358.00	441.00	295.12	
AG174	1	100%	21.00	21.00		140.00						
AGG	1	100%	19.00	19.00		71.00						
FB200	3	67%	9.70	200.00	53.13	49.50	10.00	19.88	87.30	99.90	67.43	
FB203	3	33%	71.00	190.00	84.00	49.50	35.50	39.00	137.62	167.00	98.62	E
All Snohomish CB Locations	6	100%	10.00	240.00	9075.83	6489.50	131.00	872.00	13124.00	27349.00	12252.00	
All Snohomish RB Locations	6	83%	19.00	200.00	621.42	275.00	47.50	98.00	1151.00	1882.00	1053.00	
All Snohomish AG Locations	2	100%	19.00	21.00	105.50	105.50	71.00			140.00		
All Snohomish FB Locations	6	50%	9.70	200.00	68.57	49.50	10.00	35.50	99.90	167.00	64.40	E
All Snomomish Locations	20	80%	9.70	240.00	2940.29	135.50	10.00	60.25	1210.00	27349.00	1149.75	
Puyallup Watershed												
CBA	3	100%	21.00	200.00	3378.83	2265.00	1774.50	1897.12	5139.00	6097.00	3241.88	
CBB	3	100%	21.00	99.00	1324.00	712.00	700.00	703.00	2098.00	2560.00	1395.00	
RB53	3	100%	21.00	200.00	300.00	335.00	13.00	93.50	497.75	552.00	404.25	
RB209	3	67%	21.00	190.00	90.20	95.00	25.00	42.50	136.70	150.60	94.20	
AG143	1	100%	21.00	21.00		658.00						
AG62	1	100%	21.00	21.00		411.00						
FB130	3	67%	21.00	200.00	335.60	361.00	100.00	165.25	499.60	545.80	334.35	
FB372	3	67%	21.00	220.00	354.67	295.00	110.00	156.25	568.00	659.00	411.75	
All Puyallup CB Locations	6	100%	21.00	200.00	2351.42	2019.75	700.00	712.00	2560.00	6097.00	1848.00	
All Puyallup RB Locations	6	83%	21.00	200.00	195.10	122.80	13.00	25.00	335.00	552.00	310.00	
All Puyallup AG Locations	2	100%	21.00	21.00	534.50	534.50	411.00			658.00		
All Puyallup FB Locations	6	67%	21.00	220.00	345.13	328.00	100.00	110.00	545.80	659.00	435.80	
All Puyallup Locations	20	85%	21.00	220.00	920.95	478.40	13.00	130.30	706.00	6097.00	575.70	
All Monitoring Locations Combined												
All CB Locations	12	100%	10.00	240.00	5713.62	2019.75	131.00	792.00	8903.50	27349.00	8111.50	
All RB Locations	12	83%	19.00	200.00	408.26	129.80	13.00	71.25	496.50	1882.00	425.25	
All AG Locations	4	100%	19.00	21.00	320.00	275.50	71.00	105.50	534.50	658.00	429.00	
All FB Locations	12	58%	9.70	220.00	206.85	105.00	10.00	49.50	328.00	659.00	278.50	
All Locations	40	82%	9.70	240.00	1930.62	348.00	10.00	98.95	1011.50	27349.00	912.55	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-195. Summary statistics for PCB-001 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	1	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	3	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	14	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	7	0%	19.00	20.00						< 20.00		U
All Locations	29	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-195. Summary statistics for PCB-001 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	33%	19.00	190.00	48.17	40.00	9.50	17.12	81.25	95.00	64.12	E
RB202	2	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	5	20%	9.90	200.00	49.89	40.00	4.95	8.36	96.25	100.00	87.89	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	19	5%	9.60	240.00	47.44	48.50	4.80	6.13	95.00	120.00	88.88	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	1	100%	96.00	96.00		24.00						
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	4	25%	21.00	200.00	47.38	39.50	10.50	17.25	77.50	100.00	60.25	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	18	6%	21.00	220.00	47.22	47.75	10.50	10.50	95.00	110.00	84.50	E
All Monitoring Locations Combined												
All CB Locations	10	10%	9.70	240.00	51.78	49.25	4.85	10.50	100.00	120.00	89.50	E
All RB Locations	11	9%	9.90	200.00	51.04	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	37	5%	9.60	240.00	47.34	48.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-196. Summary statistics for PCB-002 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	1	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	3	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	14	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	7	0%	19.00	20.00						< 20.00		U
All Locations	29	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-196. Summary statistics for PCB-002 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	2	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	5	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	19	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	0											
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	3	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	17	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	9	0%	9.70	240.00						< 240.00		U
All RB Locations	11	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	36	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-197. Summary statistics for PCB-003 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	1	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	3	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	14	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	7	0%	19.00	20.00						< 20.00		U
All Locations	29	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-197. Summary statistics for PCB-003 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	2	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	5	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	19	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	1	100%	96.00	96.00		22.00						
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	4	25%	21.00	200.00	46.88	38.50	10.50	16.25	77.50	100.00	61.25	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	18	6%	21.00	220.00	47.11	47.75	10.50	10.50	95.00	110.00	84.50	E
All Monitoring Locations Combined												
All CB Locations	10	10%	9.70	240.00	51.58	49.25	4.85	10.50	100.00	120.00	89.50	E
All RB Locations	11	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	37	3%	9.60	240.00	47.69	48.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-198. Summary statistics for PCB-004-010 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	62.00						< 62.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	62.00						< 62.00		U
All Snomomish Locations	15	0%	19.00	62.00						< 62.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	62.00						< 62.00		U
All Locations	30	0%	19.00	62.00						< 62.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-198. Summary statistics for PCB-004-010 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	33%	9.70	200.00	23.62	16.00	4.85	7.64	41.50	50.00	33.86	E
RB111	3	33%	19.00	190.00	28.17	20.00	9.50	12.12	46.25	55.00	34.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	40.73	32.25	4.85	5.00	50.00	120.00	45.00	E
All Snohomish RB Locations	6	17%	9.90	200.00	39.91	35.00	4.95	9.50	55.00	100.00	45.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	10%	9.60	240.00	40.37	34.25	4.80	7.25	52.50	120.00	45.25	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	33%	21.00	99.00	32.33	37.00	10.50	17.12	46.38	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	33%	21.00	200.00	42.17	16.00	10.50	11.88	79.00	100.00	67.12	E
FB372	3	33%	21.00	220.00	46.50	19.00	10.50	12.62	87.25	110.00	74.62	E
All Puyallup CB Locations	6	17%	21.00	200.00	43.75	43.25	10.50	10.50	55.00	100.00	44.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	33%	21.00	220.00	44.33	17.50	10.50	10.50	100.00	110.00	89.50	E
All Puyallup Locations	20	15%	21.00	220.00	43.08	28.00	10.50	10.50	75.00	110.00	64.50	E
All Monitoring Locations Combined												
All CB Locations	12	17%	9.70	240.00	42.24	42.75	4.85	10.50	52.50	120.00	42.00	E
All RB Locations	12	8%	9.90	200.00	45.95	48.00	4.95	10.50	75.00	100.00	64.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	17%	9.60	220.00	47.47	34.25	4.80	10.50	97.50	110.00	87.00	E
All Locations	40	13%	9.60	240.00	41.72	28.50	4.80	10.50	55.00	120.00	44.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-199. Summary statistics for PCB-006 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	57.00						< 57.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	57.00						< 57.00		U
All Snomomish Locations	15	0%	19.00	57.00						< 57.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	57.00						< 57.00		U
All Locations	30	0%	19.00	57.00						< 57.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-199. Summary statistics for PCB-006 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.80	200.00						< 200.00		U
RB111	3	33%	19.00	190.00	25.50	12.00	9.50	10.12	44.25	55.00	34.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.80	240.00						< 240.00		U
All Snohomish RB Locations	6	17%	9.90	200.00	38.58	31.00	4.95	9.50	55.00	100.00	45.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	44.17	49.00	4.80	7.25	75.00	120.00	67.75	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	0%	9.80	240.00						< 240.00		U
All RB Locations	12	8%	9.90	200.00	45.29	48.00	4.95	10.50	75.00	100.00	64.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	3%	9.60	240.00	45.37	48.00	4.80	10.50	85.00	120.00	74.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-200. Summary statistics for PCB-007-009 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	58.00						< 58.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	58.00						< 58.00		U
All Snomomish Locations	15	0%	19.00	58.00						< 58.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	58.00						< 58.00		U
All Locations	30	0%	19.00	58.00						< 58.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-200. Summary statistics for PCB-007-009 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	10.00	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	10.00	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	0%	10.00	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-201. Summary statistics for PCB-008-005 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	62.00						< 62.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	62.00						< 62.00		U
All Snomomish Locations	15	0%	19.00	62.00						< 62.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	9.75	9.75	9.50			10.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	9.67	9.50	9.50	9.50	9.88	10.00	0.38	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	7%	19.00	190.00	9.80	10.00	9.50	9.50	10.00	10.50	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	9.58	9.50	9.50	9.50	9.50	10.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	62.00						< 62.00		U
All Locations	30	3%	19.00	190.00	10.45	9.50	9.50	9.50	10.00	31.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-201. Summary statistics for PCB-008-005 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	14.00	200.00						< 200.00		U
RB111	3	33%	19.00	190.00	45.83	55.00	9.50	20.88	68.50	73.00	47.62	E
RB202	3	33%	9.90	200.00	24.98	20.00	4.95	8.71	42.50	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	22.78	14.00	4.85	7.14	40.62	49.50	33.49	E
FB203	3	33%	9.60	190.00	24.10	18.00	4.80	8.10	41.62	49.50	33.53	E
All Snohomish CB Locations	6	0%	10.00	240.00						< 240.00		U
All Snohomish RB Locations	6	33%	9.90	200.00	35.41	35.00	4.95	9.50	55.00	73.00	45.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	33%	9.60	200.00	23.44	16.00	4.80	4.85	49.50	49.50	44.65	E
All Snomomish Locations	20	20%	9.60	240.00	35.53	19.00	4.80	9.50	50.00	120.00	40.50	E
Puyallup Watershed												
CBA	3	33%	21.00	200.00	53.83	51.00	10.50	20.62	87.75	100.00	67.12	E
CBB	3	33%	21.00	99.00	42.50	48.00	30.00	34.50	49.12	49.50	14.62	E
RB53	3	33%	21.00	200.00	45.50	26.00	10.50	14.38	81.50	100.00	67.12	E
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	100%	21.00	21.00		43.00						
AG62	1	100%	21.00	21.00		44.00						
FB130	3	67%	21.00	200.00	67.00	66.00	35.00	42.75	91.50	100.00	48.75	
FB372	3	67%	21.00	220.00	62.67	46.00	32.00	35.50	94.00	110.00	58.50	
All Puyallup CB Locations	6	33%	21.00	200.00	48.17	48.75	10.50	30.00	51.00	100.00	21.00	E
All Puyallup RB Locations	6	17%	21.00	200.00	48.33	37.00	10.50	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	100%	21.00	21.00	43.50	43.50	43.00			44.00		
All Puyallup FB Locations	6	67%	21.00	220.00	64.83	56.00	32.00	35.00	100.00	110.00	65.00	
All Puyallup Locations	20	45%	21.00	220.00	52.75	47.00	10.50	31.00	80.50	110.00	49.50	E
All Monitoring Locations Combined												
All CB Locations	12	17%	10.00	240.00	52.21	49.00	7.00	21.00	75.50	120.00	54.50	E
All RB Locations	12	25%	9.90	200.00	41.87	37.00	4.95	10.50	64.00	100.00	53.50	E
All AG Locations	4	50%	19.00	21.00	26.75	26.75	9.50	10.00	43.50	44.00	33.50	E
All FB Locations	12	50%	9.60	220.00	44.14	40.50	4.80	16.00	57.75	110.00	41.75	E
All Locations	40	32%	9.60	240.00	44.14	45.00	4.80	11.25	53.00	120.00	41.75	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-202. Summary statistics for PCB-011 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	19.00	19.00	16.25	16.25	9.50			23.00		E
CBX	1	0%	190.00	190.00						< 190.00		U
RB111	2	50%	19.00	21.00	17.25	17.25	9.50			25.00		E
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	50%	19.00	20.00	24.00	24.00	10.00			38.00		E
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	61.00	190.00						< 190.00		U
All Snohomish CB Locations	3	33%	19.00	190.00	42.50	23.00	9.50	12.88	77.00	95.00	64.12	E
All Snohomish RB Locations	4	25%	19.00	21.00	13.62	10.00	9.50	9.75	17.50	25.00	7.75	E
All Snohomish AG Locations	4	25%	19.00	20.00	16.75	9.75	9.50	9.50	24.00	38.00	14.50	E
All Snohomish FB Locations	4	0%	19.00	190.00						< 190.00		U
All Snomomish Locations	15	20%	19.00	190.00	26.23	10.00	9.50	9.50	29.13	95.00	19.62	E
Puyallup Watershed												
CBA	2	50%	19.00	19.00	17.75	17.75	9.50			26.00		E
CBB	1	0%	190.00	190.00						< 190.00		U
RB53	2	0%	19.00	200.00						< 200.00		U
RB209	2	0%	20.00	200.00						< 200.00		U
AG143	2	0%	20.00	190.00						< 190.00		U
AG62	2	0%	21.00	200.00						< 200.00		U
FB130	2	0%	20.00	190.00						< 190.00		U
FB372	2	0%	19.00	190.00						< 190.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	43.50	26.00	9.50	13.62	77.75	95.00	64.12	E
All Puyallup RB Locations	4	0%	19.00	200.00						< 200.00		U
All Puyallup AG Locations	4	0%	20.00	200.00						< 200.00		U
All Puyallup FB Locations	4	0%	19.00	190.00						< 190.00		U
All Puyallup Locations	15	7%	19.00	200.00	51.67	26.00	9.50	10.00	95.00	100.00	85.00	E
All Monitoring Locations Combined												
All CB Locations	6	33%	19.00	190.00	43.00	24.50	9.50	9.50	95.00	95.00	85.50	E
All RB Locations	8	13%	19.00	200.00	34.25	10.00	9.50	9.75	62.50	100.00	52.75	E
All AG Locations	8	13%	19.00	200.00	35.31	10.25	9.50	9.75	66.50	100.00	56.75	E
All FB Locations	8	0%	19.00	190.00						< 190.00		U
All Locations	30	13%	19.00	200.00	38.95	10.25	9.50	9.50	95.00	100.00	85.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-202. Summary statistics for PCB-011 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	380.00						< 380.00		U
CBX	3	0%	10.00	660.00						< 660.00		U
RB111	3	33%	19.00	190.00	86.00	95.00	65.00	72.50	97.25	98.00	24.75	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	100%	21.00	21.00		140.00						
AGG	1	100%	19.00	19.00		71.00						
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	10.00	660.00						< 660.00		U
All Snohomish RB Locations	6	17%	9.90	200.00	75.92	80.00	47.50	50.00	98.00	100.00	48.00	E
All Snohomish AG Locations	2	100%	19.00	21.00	105.50	105.50	71.00			140.00		
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	660.00	94.97	83.00	35.50	49.75	100.00	330.00	50.25	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	40.00	39.00	37.00	37.50	42.75	44.00	5.25	
CBB	3	0%	21.00	290.00						< 290.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	63.00						< 63.00		U
AG62	1	0%	21.00	37.00						< 37.00		U
FB130	3	33%	21.00	200.00	43.67	19.00	12.00	13.75	79.75	100.00	66.00	E
FB372	3	33%	21.00	220.00	50.33	29.00	12.00	16.25	89.75	110.00	73.50	E
All Puyallup CB Locations	6	33%	21.00	290.00	62.42	46.75	37.00	39.00	60.00	145.00	21.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	63.00						< 63.00		U
All Puyallup FB Locations	6	33%	21.00	220.00	47.00	24.00	12.00	12.00	100.00	110.00	88.00	E
All Puyallup Locations	20	20%	21.00	290.00	51.35	41.50	12.00	18.75	77.50	145.00	58.75	E
All Monitoring Locations Combined												
All CB Locations	12	17%	10.00	660.00	101.08	55.00	37.00	46.25	132.50	330.00	86.25	E
All RB Locations	12	8%	9.90	200.00	64.67	57.50	12.50	47.75	96.50	100.00	48.75	E
All AG Locations	4	50%	19.00	63.00	65.25	51.25	18.50	25.00	105.50	140.00	80.50	E
All FB Locations	12	17%	9.60	220.00	56.38	49.50	12.00	24.00	97.50	110.00	73.50	E
All Locations	40	17%	9.60	660.00	73.16	50.00	12.00	38.00	100.00	330.00	62.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-203. Summary statistics for PCB-012-013 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	63.00						< 63.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	63.00						< 63.00		U
All Snomomish Locations	15	0%	19.00	63.00						< 63.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	63.00						< 63.00		U
All Locations	30	0%	19.00	63.00						< 63.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-203. Summary statistics for PCB-012-013 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	11.00	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	10.00	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	0%	10.00	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-204. Summary statistics for PCB-014 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	58.00						< 58.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	58.00						< 58.00		U
All Snomomish Locations	15	0%	19.00	58.00						< 58.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	58.00						< 58.00		U
All Locations	30	0%	19.00	58.00						< 58.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-204. Summary statistics for PCB-014 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.90	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.90	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	0%	9.90	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-205. Summary statistics for PCB-015 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	62.00						< 62.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	62.00						< 62.00		U
All Snomomish Locations	15	0%	19.00	62.00						< 62.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	62.00						< 62.00		U
All Locations	30	0%	19.00	62.00						< 62.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-205. Summary statistics for PCB-015 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	33%	10.00	200.00	24.33	18.00	5.00	8.25	42.00	50.00	33.75	E
RB111	3	33%	19.00	190.00	26.83	16.00	9.50	11.12	45.25	55.00	34.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	10.00	240.00	41.75	33.25	5.00	9.00	50.00	120.00	41.00	E
All Snohomish RB Locations	6	17%	9.90	200.00	39.24	33.00	4.95	9.50	55.00	100.00	45.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	10%	9.60	240.00	40.48	33.25	4.80	9.25	52.50	120.00	43.25	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	33%	21.00	99.00	40.00	49.50	10.50	20.25	57.38	60.00	37.12	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	47.58	52.25	10.50	10.50	60.00	100.00	49.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	47.30	48.00	10.50	10.50	77.50	110.00	67.00	E
All Monitoring Locations Combined												
All CB Locations	12	17%	10.00	240.00	44.67	49.00	5.00	10.50	57.50	120.00	47.00	E
All RB Locations	12	8%	9.90	200.00	45.62	48.00	4.95	10.50	75.00	100.00	64.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	8%	9.60	240.00	43.89	48.00	4.80	10.50	57.50	120.00	47.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-206. Summary statistics for PCB-016-032 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-206. Summary statistics for PCB-016-032 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	44.17	48.50	29.00	33.88	53.38	55.00	19.50	E
CBX	3	33%	9.70	200.00	35.28	50.00	4.85	16.14	50.75	51.00	34.61	E
RB111	3	33%	19.00	190.00	38.83	52.00	9.50	20.12	54.25	55.00	34.12	E
RB202	3	33%	9.90	200.00	25.65	22.00	4.95	9.21	43.00	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	33%	9.60	190.00	21.77	11.00	4.80	6.35	39.87	49.50	33.52	E
All Snohomish CB Locations	6	33%	9.70	240.00	39.73	49.25	4.85	29.00	51.00	55.00	22.00	E
All Snohomish RB Locations	6	33%	9.90	200.00	32.24	36.00	4.95	9.50	52.00	55.00	42.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	17%	9.60	200.00	36.61	30.25	4.80	4.85	49.50	100.00	44.65	E
All Snomomish Locations	20	25%	9.60	240.00	33.57	38.75	4.80	9.50	50.50	100.00	41.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	55.67	39.00	28.00	30.75	84.75	100.00	54.00	
CBB	3	67%	21.00	200.00	55.67	41.00	26.00	29.75	85.25	100.00	55.50	
RB53	3	33%	21.00	200.00	42.83	18.00	10.50	12.38	79.50	100.00	67.12	E
RB209	3	33%	21.00	190.00	39.83	14.00	10.50	11.38	74.75	95.00	63.37	E
AG143	1	100%	21.00	21.00		26.00						
AG62	1	100%	21.00	21.00		39.00						
FB130	3	67%	21.00	200.00	56.33	39.00	30.00	32.25	84.75	100.00	52.50	
FB372	3	67%	21.00	220.00	59.00	41.00	26.00	29.75	92.75	110.00	63.00	
All Puyallup CB Locations	6	67%	21.00	200.00	55.67	40.00	26.00	28.00	100.00	100.00	72.00	
All Puyallup RB Locations	6	33%	21.00	200.00	41.33	16.00	10.50	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	100%	21.00	21.00	32.50	32.50	26.00			39.00		
All Puyallup FB Locations	6	67%	21.00	220.00	57.67	40.00	26.00	30.00	100.00	110.00	70.00	
All Puyallup Locations	20	60%	21.00	220.00	49.65	39.00	10.50	26.00	97.50	110.00	71.50	
All Monitoring Locations Combined												
All CB Locations	12	50%	9.70	240.00	47.70	44.75	4.85	28.50	53.00	100.00	24.50	E
All RB Locations	12	33%	9.90	200.00	36.79	20.00	4.95	10.50	53.50	100.00	43.00	E
All AG Locations	4	50%	19.00	21.00	21.25	18.25	9.50	10.00	32.50	39.00	22.50	E
All FB Locations	12	42%	9.60	220.00	47.14	40.00	4.80	18.50	74.75	110.00	56.25	E
All Locations	40	43%	9.60	240.00	41.61	39.00	4.80	12.50	51.50	110.00	39.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-207. Summary statistics for PCB-017 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-207. Summary statistics for PCB-017 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	32.83	33.00	17.00	21.00	44.62	48.50	23.62	E
CBX	3	33%	9.70	200.00	28.62	31.00	4.85	11.39	45.25	50.00	33.86	E
RB111	3	33%	19.00	190.00	33.17	35.00	9.50	15.88	50.00	55.00	34.12	E
RB202	3	33%	9.90	200.00	23.32	15.00	4.95	7.46	41.25	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	33%	9.70	240.00	30.73	32.00	4.85	17.00	48.50	50.00	31.50	E
All Snohomish RB Locations	6	33%	9.90	200.00	28.24	25.00	4.95	9.50	50.00	55.00	40.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	20%	9.60	240.00	33.87	32.00	4.80	9.50	49.75	100.00	40.25	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	47.33	21.00	21.00	21.00	80.25	100.00	59.25	
CBB	3	67%	21.00	130.00	33.67	23.00	13.00	15.50	54.50	65.00	39.00	
RB53	3	33%	21.00	200.00	40.17	10.50	10.00	10.12	77.62	100.00	67.50	E
RB209	3	33%	21.00	190.00	39.17	12.00	10.50	10.88	74.25	95.00	63.37	E
AG143	1	100%	21.00	21.00		33.00						
AG62	1	100%	21.00	21.00		30.00						
FB130	3	67%	21.00	200.00	50.00	27.00	23.00	24.00	81.75	100.00	57.75	
FB372	3	67%	21.00	220.00	53.67	28.00	23.00	24.25	89.50	110.00	65.25	
All Puyallup CB Locations	6	67%	21.00	200.00	40.50	22.00	13.00	21.00	65.00	100.00	44.00	
All Puyallup RB Locations	6	33%	21.00	200.00	39.67	11.25	10.00	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	100%	21.00	21.00	31.50	31.50	30.00			33.00		
All Puyallup FB Locations	6	67%	21.00	220.00	51.83	27.50	23.00	23.00	100.00	110.00	77.00	
All Puyallup Locations	20	60%	21.00	220.00	42.75	25.00	10.00	17.00	80.00	110.00	63.00	
All Monitoring Locations Combined												
All CB Locations	12	50%	9.70	240.00	35.61	27.00	4.85	19.00	49.25	100.00	30.25	E
All RB Locations	12	33%	9.90	200.00	33.95	13.50	4.95	10.25	52.50	100.00	42.25	E
All AG Locations	4	50%	19.00	21.00	20.75	20.25	9.50	10.00	31.50	33.00	21.50	E
All FB Locations	12	33%	9.60	220.00	51.22	38.75	4.80	23.00	97.50	110.00	74.50	E
All Locations	40	40%	9.60	240.00	38.31	27.50	4.80	11.25	50.00	110.00	38.75	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-208. Summary statistics for PCB-018 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-208. Summary statistics for PCB-018 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	33%	9.70	200.00	35.28	50.00	4.85	16.14	50.75	51.00	34.61	E
RB111	3	33%	19.00	190.00	49.83	55.00	9.50	20.88	77.50	85.00	56.62	E
RB202	3	33%	9.90	200.00	25.98	23.00	4.95	9.46	43.25	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	21.45	10.00	4.85	6.14	39.62	49.50	33.49	E
FB203	3	33%	9.60	190.00	22.10	12.00	4.80	6.60	40.12	49.50	33.52	E
All Snohomish CB Locations	6	17%	9.70	240.00	49.73	49.25	4.85	24.00	51.00	120.00	27.00	E
All Snohomish RB Locations	6	33%	9.90	200.00	37.91	36.50	4.95	9.50	55.00	85.00	45.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	33%	9.60	200.00	21.77	11.00	4.80	4.85	49.50	49.50	44.65	E
All Snomomish Locations	20	25%	9.60	240.00	33.82	23.50	4.80	9.50	50.00	120.00	40.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	58.67	47.00	29.00	33.50	86.75	100.00	53.25	
CBB	3	67%	21.00	210.00	53.00	30.00	24.00	25.50	86.25	105.00	60.75	
RB53	3	33%	21.00	200.00	45.50	26.00	10.50	14.38	81.50	100.00	67.12	E
RB209	3	33%	21.00	190.00	41.17	18.00	10.50	12.38	75.75	95.00	63.37	E
AG143	1	100%	21.00	21.00		35.00						
AG62	1	100%	21.00	21.00		38.00						
FB130	3	67%	21.00	200.00	60.00	51.00	29.00	34.50	87.75	100.00	53.25	
FB372	3	67%	21.00	220.00	66.00	61.00	27.00	35.50	97.75	110.00	62.25	
All Puyallup CB Locations	6	67%	21.00	210.00	55.83	38.50	24.00	29.00	100.00	105.00	71.00	
All Puyallup RB Locations	6	33%	21.00	200.00	43.33	22.00	10.50	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	100%	21.00	21.00	36.50	36.50	35.00			38.00		
All Puyallup FB Locations	6	67%	21.00	220.00	63.00	56.00	27.00	29.00	100.00	110.00	71.00	
All Puyallup Locations	20	60%	21.00	220.00	52.30	36.50	10.50	26.50	97.50	110.00	71.00	
All Monitoring Locations Combined												
All CB Locations	12	42%	9.70	240.00	52.78	47.75	4.85	26.50	75.50	120.00	49.00	E
All RB Locations	12	33%	9.90	200.00	40.62	24.50	4.95	10.50	70.00	100.00	59.50	E
All AG Locations	4	50%	19.00	21.00	23.25	22.75	9.50	10.00	36.50	38.00	26.50	E
All FB Locations	12	50%	9.60	220.00	42.39	39.25	4.80	11.00	56.00	110.00	45.00	E
All Locations	40	43%	9.60	240.00	43.06	32.50	4.80	11.25	53.00	120.00	41.75	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-209. Summary statistics for PCB-019 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-209. Summary statistics for PCB-019 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event													
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag	
Snohomish Watershed													
CB335	3	33%	10.00	240.00	22.00	12.00	5.50	7.12	39.37	48.50	32.25	E	
CBX	3	33%	9.70	200.00	22.28	12.00	4.85	6.64	40.50	50.00	33.86	E	
RB111	3	33%	19.00	190.00	25.17	11.00	9.50	9.88	44.00	55.00	34.12	E	
RB202	3	0%	9.90	200.00						< 200.00		U	
AG174	1	0%	21.00	21.00						< 21.00		U	
AGG	1	0%	19.00	19.00						< 19.00		U	
FB200	3	0%	9.70	200.00						< 200.00		U	
FB203	3	0%	9.60	190.00						< 190.00		U	
All Snohomish CB Locations	6	33%	9.70	240.00	22.14	12.00	4.85	5.50	48.50	50.00	43.00	E	
All Snohomish RB Locations	6	17%	9.90	200.00	38.41	30.50	4.95	9.50	55.00	100.00	45.50	E	
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U	
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U	
All Snomomish Locations	20	15%	9.60	240.00	34.35	12.00	4.80	7.50	50.00	100.00	42.50	E	
Puyallup Watershed													
CBA	3	0%	21.00	200.00						< 200.00		U	
CBB	3	33%	21.00	99.00	34.33	43.00	10.50	18.62	47.88	49.50	29.25	E	
RB53	3	0%	21.00	200.00						< 200.00		U	
RB209	3	0%	21.00	190.00						< 190.00		U	
AG143	1	0%	21.00	21.00						< 21.00		U	
AG62	1	0%	21.00	21.00						< 21.00		U	
FB130	3	0%	21.00	200.00						< 200.00		U	
FB372	3	33%	21.00	220.00	43.50	10.50	10.00	10.12	85.12	110.00	75.00	E	
All Puyallup CB Locations	6	17%	21.00	200.00	44.75	46.25	10.50	10.50	55.00	100.00	44.50	E	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U	
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U	
All Puyallup FB Locations	6	17%	21.00	220.00	48.33	29.75	10.00	10.50	100.00	110.00	89.50	E	
All Puyallup Locations	20	10%	21.00	220.00	44.58	45.50	10.00	10.50	75.00	110.00	64.50	E	
All Monitoring Locations Combined													
All CB Locations	12	25%	9.70	240.00	33.45	27.50	4.85	10.50	49.75	100.00	39.25	E	
All RB Locations	12	8%	9.90	200.00	45.20	48.00	4.95	10.50	75.00	100.00	64.50	E	
All AG Locations	4	0%	19.00	21.00						< 21.00		U	
All FB Locations	12	8%	9.60	220.00	49.47	49.25	4.80	10.25	97.50	110.00	87.25	E	
All Locations	40	13%	9.60	240.00	39.46	27.50	4.80	10.50	52.50	110.00	42.00	E	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-210. Summary statistics for PCB-020-021-033 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-210. Summary statistics for PCB-020-021-033 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	33%	9.70	200.00	23.28	15.00	4.85	7.39	41.25	50.00	33.86	E
RB111	3	33%	19.00	190.00	32.83	34.00	9.50	15.62	49.75	55.00	34.12	E
RB202	3	33%	9.90	200.00	21.98	11.00	4.95	6.46	40.25	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	42.73	33.25	4.85	15.00	50.00	120.00	35.00	E
All Snohomish RB Locations	6	33%	9.90	200.00	27.41	22.50	4.95	9.50	50.00	55.00	40.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	37.22	26.00	4.80	9.50	50.00	120.00	40.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	52.00	29.00	27.00	27.50	82.25	100.00	54.75	
CBB	3	67%	21.00	150.00	45.67	38.00	24.00	27.50	65.75	75.00	38.25	
RB53	3	33%	21.00	200.00	40.83	12.00	10.50	10.88	78.00	100.00	67.12	E
RB209	3	33%	21.00	190.00	38.83	11.00	10.50	10.62	74.00	95.00	63.37	E
AG143	1	100%	21.00	21.00		22.00						
AG62	1	100%	21.00	21.00		26.00						
FB130	3	67%	21.00	200.00	49.67	26.00	23.00	23.75	81.50	100.00	57.75	
FB372	3	33%	21.00	220.00	50.83	32.00	10.50	15.88	90.50	110.00	74.62	E
All Puyallup CB Locations	6	67%	21.00	200.00	48.83	33.50	24.00	27.00	75.00	100.00	48.00	
All Puyallup RB Locations	6	33%	21.00	200.00	39.83	11.50	10.50	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	100%	21.00	21.00	24.00	24.00	22.00			26.00		
All Puyallup FB Locations	6	50%	21.00	220.00	50.25	29.00	10.50	23.00	100.00	110.00	77.00	E
All Puyallup Locations	20	55%	21.00	220.00	44.08	26.50	10.50	17.00	85.00	110.00	68.00	
All Monitoring Locations Combined												
All CB Locations	12	42%	9.70	240.00	45.78	33.50	4.85	21.00	62.50	120.00	41.50	E
All RB Locations	12	33%	9.90	200.00	33.62	11.50	4.95	10.50	52.50	100.00	42.00	E
All AG Locations	4	50%	19.00	21.00	17.00	16.25	9.50	10.00	24.00	26.00	14.00	E
All FB Locations	12	25%	9.60	220.00	50.43	40.75	4.80	16.75	97.50	110.00	80.75	E
All Locations	40	35%	9.60	240.00	40.65	26.50	4.80	10.75	52.50	120.00	41.75	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-211. Summary statistics for PCB-022 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-211. Summary statistics for PCB-022 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	33%	9.70	200.00	22.62	13.00	4.85	6.89	40.75	50.00	33.86	E
RB111	3	33%	19.00	190.00	28.17	20.00	9.50	12.12	46.25	55.00	34.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	41.06	30.75	4.85	10.00	50.00	120.00	40.00	E
All Snohomish RB Locations	6	17%	9.90	200.00	39.91	35.00	4.95	9.50	55.00	100.00	45.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	10%	9.60	240.00	40.47	34.25	4.80	9.50	52.50	120.00	43.00	E
Puyallup Watershed												
CBA	3	33%	21.00	200.00	43.17	19.00	10.50	12.62	79.75	100.00	67.12	E
CBB	3	67%	21.00	100.00	31.33	28.00	16.00	19.00	44.50	50.00	25.50	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	33%	21.00	220.00	46.17	18.00	10.50	12.38	87.00	110.00	74.62	E
All Puyallup CB Locations	6	50%	21.00	200.00	37.25	23.50	10.50	16.00	50.00	100.00	34.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	17%	21.00	220.00	49.67	33.50	10.50	10.50	100.00	110.00	89.50	E
All Puyallup Locations	20	20%	21.00	220.00	42.72	23.50	10.50	10.50	72.50	110.00	62.00	E
All Monitoring Locations Combined												
All CB Locations	12	33%	9.70	240.00	39.15	23.50	4.85	11.75	50.00	120.00	38.25	E
All RB Locations	12	8%	9.90	200.00	45.95	48.00	4.95	10.50	75.00	100.00	64.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	8%	9.60	220.00	50.14	49.25	4.80	10.50	97.50	110.00	87.00	E
All Locations	40	15%	9.60	240.00	41.60	24.00	4.80	10.50	52.50	120.00	42.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-212. Summary statistics for PCB-023 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-212. Summary statistics for PCB-023 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-213. Summary statistics for PCB-024-027 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-213. Summary statistics for PCB-024-027 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	33%	21.00	99.00	27.33	22.00	10.50	13.38	42.62	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	41.25	35.75	10.50	10.50	55.00	100.00	44.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	45.40	47.75	10.50	10.50	75.00	110.00	64.50	E
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	47.99	49.00	4.85	10.50	77.50	120.00	67.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	46.86	48.25	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-214. Summary statistics for PCB-025 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-214. Summary statistics for PCB-025 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	33%	21.00	99.00	29.33	28.00	10.50	14.88	44.12	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	42.25	38.75	10.50	10.50	55.00	100.00	44.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	45.70	47.75	10.50	10.50	75.00	110.00	64.50	E
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	48.49	49.00	4.85	10.50	77.50	120.00	67.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	47.01	48.25	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-215. Summary statistics for PCB-026 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-215. Summary statistics for PCB-026 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event													
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag	
Snohomish Watershed													
CB335	3	33%	10.00	240.00	22.50	10.00	9.00	9.25	38.87	48.50	29.62	E	
CBX	3	0%	9.70	200.00						< 200.00		U	
RB111	3	33%	19.00	190.00	25.17	11.00	9.50	9.88	44.00	55.00	34.12	E	
RB202	3	0%	9.90	200.00						< 200.00		U	
AG174	1	0%	21.00	21.00						< 21.00		U	
AGG	1	0%	19.00	19.00						< 19.00		U	
FB200	3	0%	9.70	200.00						< 200.00		U	
FB203	3	0%	9.60	190.00						< 190.00		U	
All Snohomish CB Locations	6	17%	9.70	240.00	37.06	29.25	4.85	9.00	50.00	100.00	41.00	E	
All Snohomish RB Locations	6	17%	9.90	200.00	38.41	30.50	4.95	9.50	55.00	100.00	45.50	E	
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U	
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U	
All Snomomish Locations	20	10%	9.60	240.00	38.82	29.75	4.80	9.25	52.50	100.00	43.25	E	
Puyallup Watershed													
CBA	3	0%	21.00	200.00						< 200.00		U	
CBB	3	33%	21.00	99.00	35.67	47.00	10.50	19.62	48.88	49.50	29.25	E	
RB53	3	0%	21.00	200.00						< 200.00		U	
RB209	3	0%	21.00	190.00						< 190.00		U	
AG143	1	0%	21.00	21.00						< 21.00		U	
AG62	1	0%	21.00	21.00						< 21.00		U	
FB130	3	0%	21.00	200.00						< 200.00		U	
FB372	3	0%	21.00	220.00						< 220.00		U	
All Puyallup CB Locations	6	17%	21.00	200.00	45.42	48.25	10.50	10.50	55.00	100.00	44.50	E	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U	
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U	
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U	
All Puyallup Locations	20	5%	21.00	220.00	46.65	47.75	10.50	10.50	75.00	110.00	64.50	E	
All Monitoring Locations Combined													
All CB Locations	12	17%	9.70	240.00	41.24	47.75	4.85	10.25	52.50	100.00	42.25	E	
All RB Locations	12	8%	9.90	200.00	45.20	48.00	4.95	10.50	75.00	100.00	64.50	E	
All AG Locations	4	0%	19.00	21.00						< 21.00		U	
All FB Locations	12	0%	9.60	220.00						< 220.00		U	
All Locations	40	8%	9.60	240.00	42.74	47.75	4.80	10.50	55.00	110.00	44.50	E	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-216. Summary statistics for PCB-028 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	11.25	11.25	9.50			13.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	50%	19.00	200.00	10.25	10.25	9.50			11.00		E
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	10.67	9.50	9.50	9.50	12.12	13.00	2.62	E
All Puyallup RB Locations	4	25%	19.00	200.00	10.12	10.00	9.50	9.75	10.50	11.00	0.75	E
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	200.00	10.07	10.00	9.50	9.50	10.00	13.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	10.08	9.50	9.50	9.50	9.50	13.00	0.00	E
All RB Locations	8	13%	19.00	200.00	10.06	10.00	9.50	9.75	10.25	11.00	0.50	E
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	7%	19.00	200.00	9.87	9.50	9.50	9.50	10.00	13.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-216. Summary statistics for PCB-028 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	33%	9.70	200.00	32.67	38.00	10.00	17.00	47.00	50.00	30.00	E
RB111	3	33%	19.00	190.00	35.17	41.00	9.50	17.38	51.50	55.00	34.12	E
RB202	3	33%	9.90	200.00	24.65	19.00	4.95	8.46	42.25	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	48.50	43.25	10.00	24.50	50.00	120.00	25.50	E
All Snohomish RB Locations	6	33%	9.90	200.00	29.91	30.00	4.95	9.50	50.00	55.00	40.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	39.70	39.50	4.80	9.75	50.00	120.00	40.25	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	32.00	35.00	17.00	21.50	41.75	44.00	20.25	
CBB	3	100%	21.00	99.00	127.33	55.00	27.00	34.00	238.75	300.00	204.75	
RB53	3	67%	21.00	200.00	45.67	22.00	15.00	16.75	80.50	100.00	63.75	
RB209	3	33%	21.00	190.00	38.83	11.00	10.50	10.62	74.00	95.00	63.37	E
AG143	1	100%	21.00	21.00		33.00						
AG62	1	100%	21.00	21.00		30.00						
FB130	3	67%	21.00	200.00	49.33	25.00	23.00	23.50	81.25	100.00	57.75	
FB372	3	33%	21.00	220.00	49.50	28.00	10.50	14.88	89.50	110.00	74.62	E
All Puyallup CB Locations	6	100%	21.00	200.00	79.67	39.50	17.00	27.00	55.00	300.00	28.00	
All Puyallup RB Locations	6	50%	21.00	200.00	42.25	18.50	10.50	11.00	95.00	100.00	84.00	E
All Puyallup AG Locations	2	100%	21.00	21.00	31.50	31.50	30.00			33.00		
All Puyallup FB Locations	6	50%	21.00	220.00	49.42	26.50	10.50	23.00	100.00	110.00	77.00	E
All Puyallup Locations	20	70%	21.00	220.00	54.55	29.00	10.50	19.50	75.00	300.00	55.50	
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	64.08	41.00	10.00	25.75	52.50	300.00	26.75	
All RB Locations	12	42%	9.90	200.00	36.08	20.50	4.95	10.75	52.50	100.00	41.75	E
All AG Locations	4	50%	19.00	21.00	20.75	20.25	9.50	10.00	31.50	33.00	21.50	E
All FB Locations	12	25%	9.60	220.00	50.01	38.75	4.80	16.75	97.50	110.00	80.75	E
All Locations	40	43%	9.60	240.00	47.13	31.50	4.80	13.00	52.50	300.00	39.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-217. Summary statistics for PCB-029 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-217. Summary statistics for PCB-029 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-218. Summary statistics for PCB-030 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-218. Summary statistics for PCB-030 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-219. Summary statistics for PCB-031 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	12.25	12.25	9.50			15.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	11.33	9.50	9.50	9.50	13.62	15.00	4.12	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	7%	19.00	190.00	10.13	10.00	9.50	9.50	10.00	15.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	10.42	9.50	9.50	9.50	9.50	15.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	3%	19.00	190.00	9.90	9.50	9.50	9.50	10.00	15.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-219. Summary statistics for PCB-031 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	33%	9.70	200.00	31.17	35.00	8.50	15.12	46.25	50.00	31.12	E
RB111	3	33%	19.00	190.00	35.50	42.00	9.50	17.62	51.75	55.00	34.12	E
RB202	3	33%	9.90	200.00	23.65	16.00	4.95	7.71	41.50	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	49.75	42.50	8.50	35.00	50.00	120.00	15.00	E
All Snohomish RB Locations	6	33%	9.90	200.00	29.57	29.00	4.95	9.50	50.00	55.00	40.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	39.98	39.25	4.80	9.50	50.00	120.00	40.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	32.33	35.00	15.00	20.00	44.00	47.00	24.00	
CBB	3	100%	21.00	99.00	129.33	59.00	29.00	36.50	239.75	300.00	203.25	
RB53	3	67%	21.00	200.00	45.67	20.00	17.00	17.75	80.00	100.00	62.25	
RB209	3	33%	21.00	190.00	38.83	11.00	10.50	10.62	74.00	95.00	63.37	E
AG143	1	100%	21.00	21.00		42.00						
AG62	1	100%	21.00	21.00		40.00						
FB130	3	67%	21.00	200.00	52.67	31.00	27.00	28.00	82.75	100.00	54.75	
FB372	3	67%	21.00	220.00	58.00	36.00	28.00	30.00	91.50	110.00	61.50	
All Puyallup CB Locations	6	100%	21.00	200.00	80.83	41.00	15.00	29.00	59.00	300.00	30.00	
All Puyallup RB Locations	6	50%	21.00	200.00	42.25	18.50	10.50	11.00	95.00	100.00	84.00	E
All Puyallup AG Locations	2	100%	21.00	21.00	41.00	41.00	40.00			42.00		
All Puyallup FB Locations	6	67%	21.00	220.00	55.33	33.50	27.00	28.00	100.00	110.00	72.00	
All Puyallup Locations	20	75%	21.00	220.00	57.62	35.50	10.50	23.50	77.00	300.00	53.50	
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	65.29	41.75	8.50	32.00	54.50	300.00	22.50	
All RB Locations	12	42%	9.90	200.00	35.91	18.50	4.95	10.75	52.50	100.00	41.75	E
All AG Locations	4	50%	19.00	21.00	25.50	25.25	9.50	10.00	41.00	42.00	31.00	E
All FB Locations	12	33%	9.60	220.00	52.97	42.75	4.80	27.50	97.50	110.00	70.00	E
All Locations	40	45%	9.60	240.00	48.80	36.25	4.80	15.50	52.50	300.00	37.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-220. Summary statistics for PCB-034 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-220. Summary statistics for PCB-034 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-221. Summary statistics for PCB-035 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-221. Summary statistics for PCB-035 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	59.50	48.50	10.00	19.62	102.12	120.00	82.50	E
CBX	3	33%	9.70	200.00	70.67	62.00	50.00	53.00	90.50	100.00	37.50	E
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	33%	9.70	240.00	65.08	56.00	10.00	48.50	100.00	120.00	51.50	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	10%	9.60	240.00	51.43	49.75	4.80	9.75	95.00	120.00	85.25	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	18%	9.70	240.00	56.00	50.00	10.00	20.00	90.50	120.00	70.50	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	5%	9.60	240.00	49.09	49.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-222. Summary statistics for PCB-036 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-222. Summary statistics for PCB-036 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	33%	9.70	200.00	54.00	50.00	12.00	21.50	87.50	100.00	66.00	E
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	55.92	49.25	5.00	12.00	100.00	120.00	88.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	48.68	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	9%	9.70	240.00	51.00	49.50	5.00	10.88	88.75	120.00	77.88	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	3%	9.60	240.00	47.68	48.50	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-223. Summary statistics for PCB-037 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-223. Summary statistics for PCB-037 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	67%	10.00	240.00	59.67	47.00	12.00	20.75	101.75	120.00	81.00	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	33%	9.70	240.00	55.64	48.50	4.85	12.00	100.00	120.00	88.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	10%	9.60	240.00	48.60	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	16.67	16.00	14.00	14.50	19.00	20.00	4.50	
CBB	3	33%	21.00	120.00	46.17	49.50	29.00	34.12	57.38	60.00	23.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	67%	21.00	200.00	31.42	24.50	14.00	16.00	49.50	60.00	33.50	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	20%	21.00	220.00	42.45	38.25	10.50	10.50	54.75	110.00	44.25	E
All Monitoring Locations Combined												
All CB Locations	12	50%	9.70	240.00	43.53	38.00	4.85	15.00	55.00	120.00	40.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	15%	9.60	240.00	45.52	47.75	4.80	10.50	77.50	120.00	67.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-224. Summary statistics for PCB-038 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	50%	19.00	19.00	17.75	17.75	9.50			26.00		E
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	25%	19.00	19.00	13.62	9.50	9.50	9.50	17.75	26.00	8.25	E
All Snomomish Locations	15	7%	19.00	21.00	10.77	9.50	9.50	9.50	10.00	26.00	0.50	E
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	13%	19.00	20.00	11.62	9.50	9.50	9.50	9.75	26.00	0.25	E
All Locations	30	3%	19.00	21.00	10.27	9.50	9.50	9.50	10.00	26.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-224. Summary statistics for PCB-038 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-225. Summary statistics for PCB-039 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-225. Summary statistics for PCB-039 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	2	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	5	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	19	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	11	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	39	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-226. Summary statistics for PCB-040 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-226. Summary statistics for PCB-040 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	20.33	16.00	13.00	13.75	28.00	32.00	14.25	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	33%	19.00	190.00	41.83	21.00	9.50	12.38	76.50	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	35.98	24.00	4.85	13.00	50.00	100.00	37.00	E
All Snohomish RB Locations	6	17%	9.90	200.00	46.74	35.50	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	20%	9.60	240.00	41.00	26.50	4.80	9.50	72.50	100.00	63.00	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	25%	9.70	240.00	40.78	40.00	4.85	11.75	52.50	100.00	40.75	E
All RB Locations	12	8%	9.90	200.00	49.37	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	10%	9.60	240.00	43.85	47.75	4.80	10.50	75.00	110.00	64.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-227. Summary statistics for PCB-041-064-068 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	130.00						< 130.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	160.00						< 160.00		U
RB202	2	0%	20.00	140.00						< 140.00		U
AG174	2	0%	19.00	140.00						< 140.00		U
AGG	2	0%	19.00	120.00						< 120.00		U
FB200	2	0%	19.00	140.00						< 140.00		U
FB203	2	0%	19.00	71.00						< 71.00		U
All Snohomish CB Locations	3	0%	19.00	130.00						< 130.00		U
All Snohomish RB Locations	4	0%	19.00	160.00						< 160.00		U
All Snohomish AG Locations	4	0%	19.00	140.00						< 140.00		U
All Snohomish FB Locations	4	0%	19.00	140.00						< 140.00		U
All Snomomish Locations	15	0%	19.00	160.00						< 160.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	48.00	48.00	16.00			80.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	50%	19.00	200.00	34.95	34.95	9.90			60.00		E
RB209	2	0%	20.00	150.00						< 150.00		U
AG143	2	0%	19.00	140.00						< 140.00		U
AG62	2	0%	20.00	150.00						< 150.00		U
FB130	2	0%	19.00	140.00						< 140.00		U
FB372	2	0%	19.00	130.00						< 130.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	35.17	16.00	9.50	11.12	64.00	80.00	52.88	E
All Puyallup RB Locations	4	25%	19.00	200.00	38.72	35.00	9.90	9.95	67.50	75.00	57.55	E
All Puyallup AG Locations	4	0%	19.00	150.00						< 150.00		U
All Puyallup FB Locations	4	0%	19.00	140.00						< 140.00		U
All Puyallup Locations	15	13%	19.00	200.00	38.59	16.00	9.50	9.60	70.00	80.00	60.40	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	31.58	12.75	9.50	9.50	65.00	80.00	55.50	E
All RB Locations	8	13%	19.00	200.00	40.55	35.00	9.50	9.95	72.50	80.00	62.55	E
All AG Locations	8	0%	19.00	150.00						< 150.00		U
All FB Locations	8	0%	19.00	140.00						< 140.00		U
All Locations	30	7%	19.00	200.00	36.88	13.00	9.50	9.50	70.00	80.00	60.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-227. Summary statistics for PCB-041-064-068 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	67%	10.00	240.00	81.83	67.00	48.50	53.12	114.25	130.00	61.12	
CBX	3	33%	9.70	200.00	27.67	27.00	6.00	11.25	44.25	50.00	33.00	E
RB111	3	67%	19.00	190.00	43.83	22.00	9.50	12.62	80.50	100.00	67.87	
RB202	3	33%	9.90	200.00	21.98	11.00	4.95	6.46	40.25	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	54.75	49.25	6.00	27.00	67.00	130.00	40.00	E
All Snohomish RB Locations	6	50%	9.90	200.00	32.91	16.50	4.95	9.50	50.00	100.00	40.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	30%	9.60	240.00	42.48	37.75	4.80	9.50	58.50	130.00	49.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	52.67	35.00	23.00	26.00	83.75	100.00	57.75	
CBB	3	33%	21.00	99.00	23.17	11.00	10.50	10.62	38.75	48.00	28.12	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	33%	21.00	200.00	42.17	16.00	10.50	11.88	79.00	100.00	67.12	E
FB372	3	33%	21.00	220.00	45.17	15.00	10.50	11.62	86.25	110.00	74.62	E
All Puyallup CB Locations	6	50%	21.00	200.00	37.92	29.00	10.50	11.00	48.00	100.00	37.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	33%	21.00	220.00	43.67	15.50	10.50	10.50	100.00	110.00	89.50	E
All Puyallup Locations	20	25%	21.00	220.00	41.12	19.50	10.50	10.50	71.50	110.00	61.00	E
All Monitoring Locations Combined												
All CB Locations	12	50%	9.70	240.00	46.33	41.50	6.00	17.00	58.50	130.00	41.50	E
All RB Locations	12	25%	9.90	200.00	42.45	35.00	4.95	10.50	72.50	100.00	62.00	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	17%	9.60	220.00	47.14	32.75	4.80	10.50	97.50	110.00	87.00	E
All Locations	40	28%	9.60	240.00	41.80	25.00	4.80	10.50	58.50	130.00	48.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-228. Summary statistics for PCB-042-059 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-228. Summary statistics for PCB-042-059 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	28.67	24.00	19.00	20.25	38.25	43.00	18.00	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	33%	19.00	190.00	45.17	31.00	9.50	14.88	79.00	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	40.14	33.50	4.85	19.00	50.00	100.00	31.00	E
All Snohomish RB Locations	6	17%	9.90	200.00	48.41	40.50	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	20%	9.60	240.00	42.75	37.00	4.80	9.50	72.50	100.00	63.00	E
Puyallup Watershed												
CBA	3	33%	21.00	200.00	41.83	15.00	10.50	11.62	78.75	100.00	67.12	E
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	38.92	31.50	10.50	10.50	49.50	100.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	44.70	47.75	10.50	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	33%	9.70	240.00	39.53	33.50	4.85	12.75	49.75	100.00	37.00	E
All RB Locations	12	8%	9.90	200.00	50.20	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	13%	9.60	240.00	43.72	45.25	4.80	10.50	72.50	110.00	62.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-229. Summary statistics for PCB-043-049 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	11.25	11.25	9.50			13.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	10.67	9.50	9.50	9.50	12.12	13.00	2.62	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	7%	19.00	190.00	10.00	10.00	9.50	9.50	10.00	13.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	10.08	9.50	9.50	9.50	9.50	13.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	3%	19.00	190.00	9.83	9.50	9.50	9.50	10.00	13.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-229. Summary statistics for PCB-043-049 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	186.67	150.00	110.00	120.00	262.50	300.00	142.50	
CBX	3	33%	9.70	200.00	34.83	48.00	6.50	16.88	49.50	50.00	32.62	E
RB111	3	33%	19.00	190.00	36.50	45.00	9.50	18.38	52.50	55.00	34.12	E
RB202	3	33%	9.90	200.00	24.98	20.00	4.95	8.71	42.50	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	33%	9.60	190.00	21.43	10.00	4.80	6.10	39.62	49.50	33.52	E
All Snohomish CB Locations	6	67%	9.70	240.00	110.75	80.00	6.50	48.00	150.00	300.00	102.00	
All Snohomish RB Locations	6	33%	9.90	200.00	30.74	32.50	4.95	9.50	50.00	55.00	40.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	17%	9.60	200.00	36.44	29.75	4.80	4.85	49.50	100.00	44.65	E
All Snomomish Locations	20	35%	9.60	240.00	54.38	46.50	4.80	9.50	52.50	300.00	43.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	33.67	37.00	15.00	20.50	46.00	49.00	25.50	
CBB	3	33%	21.00	99.00	25.50	18.00	10.50	12.38	40.50	48.00	28.12	E
RB53	3	33%	21.00	200.00	44.17	22.00	10.50	13.38	80.50	100.00	67.12	E
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	100%	21.00	21.00		20.00						
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	33%	21.00	200.00	44.83	24.00	10.50	13.88	81.00	100.00	67.12	E
FB372	3	33%	21.00	220.00	48.17	24.00	10.50	13.88	88.50	110.00	74.62	E
All Puyallup CB Locations	6	67%	21.00	200.00	29.58	27.50	10.50	15.00	48.00	49.00	33.00	
All Puyallup RB Locations	6	17%	21.00	200.00	47.67	35.00	10.50	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	50%	21.00	21.00	15.25	15.25	10.50			20.00		E
All Puyallup FB Locations	6	33%	21.00	220.00	46.50	24.00	10.50	10.50	100.00	110.00	89.50	E
All Puyallup Locations	20	40%	21.00	220.00	38.65	23.00	10.50	10.50	48.50	110.00	38.00	E
All Monitoring Locations Combined												
All CB Locations	12	67%	9.70	240.00	70.17	48.00	6.50	16.50	80.00	300.00	63.50	
All RB Locations	12	25%	9.90	200.00	39.20	33.50	4.95	10.50	52.50	100.00	42.00	E
All AG Locations	4	25%	19.00	21.00	12.62	10.50	9.50	10.00	15.25	20.00	5.25	E
All FB Locations	12	25%	9.60	220.00	41.47	24.00	4.80	10.25	74.75	110.00	64.50	E
All Locations	40	38%	9.60	240.00	46.51	24.00	4.80	10.50	50.00	300.00	39.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-230. Summary statistics for PCB-044 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	11.75	11.75	9.50			14.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	11.00	9.50	9.50	9.50	12.88	14.00	3.38	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	7%	19.00	190.00	10.07	10.00	9.50	9.50	10.00	14.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	10.25	9.50	9.50	9.50	9.50	14.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	3%	19.00	190.00	9.87	9.50	9.50	9.50	10.00	14.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-230. Summary statistics for PCB-044 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	246.67	220.00	150.00	167.50	332.50	370.00	165.00	
CBX	3	33%	9.70	200.00	38.33	50.00	9.00	19.25	54.50	56.00	35.25	E
RB111	3	67%	19.00	190.00	64.50	54.00	9.50	20.62	111.00	130.00	90.37	
RB202	3	33%	9.90	200.00	26.32	24.00	4.95	9.71	43.50	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	21.42	9.90	4.85	6.11	39.60	49.50	33.49	E
FB203	3	33%	9.60	190.00	22.10	12.00	4.80	6.60	40.12	49.50	33.52	E
All Snohomish CB Locations	6	67%	9.70	240.00	142.50	103.00	9.00	50.00	220.00	370.00	170.00	
All Snohomish RB Locations	6	50%	9.90	200.00	45.41	37.00	4.95	9.50	54.00	130.00	44.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	33%	9.60	200.00	21.76	10.95	4.80	4.85	49.50	49.50	44.65	E
All Snomomish Locations	20	45%	9.60	240.00	63.90	36.75	4.80	9.50	55.00	370.00	45.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	39.33	38.00	18.00	23.00	56.00	62.00	33.00	
CBB	3	33%	21.00	99.00	26.50	21.00	10.50	13.12	41.25	48.00	28.12	E
RB53	3	33%	21.00	200.00	42.50	17.00	10.50	12.12	79.25	100.00	67.12	E
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	100%	21.00	21.00		20.00						
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	33%	21.00	200.00	45.83	27.00	10.50	14.62	81.75	100.00	67.12	E
FB372	3	33%	21.00	220.00	49.50	28.00	10.50	14.88	89.50	110.00	74.62	E
All Puyallup CB Locations	6	67%	21.00	200.00	32.92	29.50	10.50	18.00	48.00	62.00	30.00	
All Puyallup RB Locations	6	17%	21.00	200.00	46.83	32.50	10.50	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	50%	21.00	21.00	15.25	15.25	10.50			20.00		E
All Puyallup FB Locations	6	33%	21.00	220.00	47.67	27.50	10.50	10.50	100.00	110.00	89.50	E
All Puyallup Locations	20	40%	21.00	220.00	39.75	24.00	10.50	10.50	55.00	110.00	44.50	E
All Monitoring Locations Combined												
All CB Locations	12	67%	9.70	240.00	87.71	49.00	9.00	19.50	106.00	370.00	86.50	
All RB Locations	12	33%	9.90	200.00	46.12	36.00	4.95	10.50	74.50	130.00	64.00	E
All AG Locations	4	25%	19.00	21.00	12.62	10.50	9.50	10.00	15.25	20.00	5.25	E
All FB Locations	12	33%	9.60	220.00	34.71	19.50	4.80	10.20	49.50	110.00	39.30	E
All Locations	40	43%	9.60	240.00	51.83	25.50	4.80	10.50	55.00	370.00	44.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-231. Summary statistics for PCB-045 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-231. Summary statistics for PCB-045 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	33%	19.00	190.00	43.83	27.00	9.50	13.88	78.00	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	17%	9.90	200.00	47.74	38.50	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	46.92	49.00	4.80	7.25	95.00	120.00	87.75	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	8%	9.90	200.00	49.87	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	46.81	48.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-232. Summary statistics for PCB-046 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-232. Summary statistics for PCB-046 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	60.17	48.50	12.00	21.12	102.12	120.00	81.00	E
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	55.89	49.25	4.85	12.00	100.00	120.00	88.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	48.67	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	50.74	49.00	4.85	11.25	77.50	120.00	66.25	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	47.69	48.25	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-233. Summary statistics for PCB-047-048-075 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	690.00						< 690.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	840.00						< 840.00		U
RB202	2	0%	20.00	790.00						< 790.00		U
AG174	2	0%	19.00	760.00						< 760.00		U
AGG	2	0%	19.00	640.00						< 640.00		U
FB200	2	0%	19.00	730.00						< 730.00		U
FB203	2	50%	19.00	230.00	68.00	68.00	21.00			115.00		E
All Snohomish CB Locations	3	0%	19.00	690.00						< 690.00		U
All Snohomish RB Locations	4	0%	19.00	840.00						< 840.00		U
All Snohomish AG Locations	4	0%	19.00	760.00						< 760.00		U
All Snohomish FB Locations	4	25%	19.00	730.00	127.62	68.00	9.50	15.25	240.00	365.00	224.75	E
All Snomomish Locations	15	7%	19.00	840.00	161.90	21.00	9.50	9.50	360.00	420.00	350.50	E
Puyallup Watershed												
CBA	2	50%	19.00	860.00	232.50	232.50	35.00			430.00		E
CBB	1	100%	190.00	190.00		20.00						
RB53	2	50%	19.00	660.00	176.00	176.00	22.00			330.00		E
RB209	2	50%	20.00	820.00	215.00	215.00	20.00			410.00		E
AG143	2	50%	20.00	750.00	198.50	198.50	22.00			375.00		E
AG62	2	50%	21.00	800.00	208.50	208.50	17.00			400.00		E
FB130	2	50%	20.00	740.00	192.50	192.50	15.00			370.00		E
FB372	2	50%	19.00	660.00	178.00	178.00	26.00			330.00		E
All Puyallup CB Locations	3	67%	19.00	860.00	161.67	35.00	20.00	23.75	331.25	430.00	307.50	
All Puyallup RB Locations	4	50%	19.00	820.00	195.50	176.00	20.00	21.00	370.00	410.00	349.00	E
All Puyallup AG Locations	4	50%	20.00	800.00	203.50	198.50	17.00	19.50	387.50	400.00	368.00	E
All Puyallup FB Locations	4	50%	19.00	740.00	185.25	178.00	15.00	20.50	350.00	370.00	329.50	E
All Puyallup Locations	15	53%	19.00	860.00	188.13	35.00	15.00	20.50	373.75	430.00	353.25	
All Monitoring Locations Combined												
All CB Locations	6	33%	19.00	860.00	141.50	27.50	9.50	9.50	345.00	430.00	335.50	E
All RB Locations	8	25%	19.00	840.00	202.06	176.00	9.50	15.00	402.50	420.00	387.50	E
All AG Locations	8	25%	19.00	800.00	191.69	171.00	9.50	13.50	377.50	400.00	364.00	E
All FB Locations	8	38%	19.00	740.00	156.44	70.50	9.50	18.00	347.50	370.00	329.50	E
All Locations	30	30%	19.00	860.00	175.02	30.50	9.50	15.00	370.00	430.00	355.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-233. Summary statistics for PCB-047-048-075 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	33%	19.00	190.00	78.17	95.00	9.50	30.88	121.25	130.00	90.38	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	17%	9.90	200.00	64.91	72.50	4.95	9.50	100.00	130.00	90.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	53.85	49.50	4.80	9.50	97.50	130.00	88.00	E
Puyallup Watershed												
CBA	3	33%	21.00	200.00	42.50	17.00	10.50	12.12	79.25	100.00	67.12	E
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	33%	21.00	220.00	43.50	10.50	10.00	10.12	85.12	110.00	75.00	E
All Puyallup CB Locations	6	17%	21.00	200.00	39.25	32.50	10.50	10.50	49.50	100.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	17%	21.00	220.00	48.33	29.75	10.00	10.50	100.00	110.00	89.50	E
All Puyallup Locations	20	10%	21.00	220.00	42.92	32.50	10.00	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	49.95	48.25	4.85	13.75	75.00	120.00	61.25	E
All RB Locations	12	8%	9.90	200.00	58.45	49.00	4.95	10.50	97.50	130.00	87.00	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	8%	9.60	220.00	49.47	49.25	4.80	10.25	97.50	110.00	87.25	E
All Locations	40	8%	9.60	240.00	48.39	48.00	4.80	10.50	95.00	130.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-234. Summary statistics for PCB-050 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-234. Summary statistics for PCB-050 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-235. Summary statistics for PCB-051 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	230.00						< 230.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	280.00						< 280.00		U
RB202	2	0%	20.00	260.00						< 260.00		U
AG174	2	0%	19.00	250.00						< 250.00		U
AGG	2	0%	19.00	200.00						< 200.00		U
FB200	2	0%	19.00	240.00						< 240.00		U
FB203	2	0%	19.00	33.00						< 33.00		U
All Snohomish CB Locations	3	0%	19.00	230.00						< 230.00		U
All Snohomish RB Locations	4	0%	19.00	280.00						< 280.00		U
All Snohomish AG Locations	4	0%	19.00	250.00						< 250.00		U
All Snohomish FB Locations	4	0%	19.00	240.00						< 240.00		U
All Snomomish Locations	15	0%	19.00	280.00						< 280.00		U
Puyallup Watershed												
CBA	2	0%	19.00	270.00						< 270.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	210.00						< 210.00		U
RB209	2	0%	20.00	260.00						< 260.00		U
AG143	2	0%	19.00	240.00						< 240.00		U
AG62	2	0%	20.00	260.00						< 260.00		U
FB130	2	0%	19.00	240.00						< 240.00		U
FB372	2	0%	19.00	220.00						< 220.00		U
All Puyallup CB Locations	3	0%	19.00	270.00						< 270.00		U
All Puyallup RB Locations	4	0%	19.00	260.00						< 260.00		U
All Puyallup AG Locations	4	0%	19.00	260.00						< 260.00		U
All Puyallup FB Locations	4	0%	19.00	240.00						< 240.00		U
All Puyallup Locations	15	0%	19.00	270.00						< 270.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	270.00						< 270.00		U
All RB Locations	8	0%	19.00	280.00						< 280.00		U
All AG Locations	8	0%	19.00	260.00						< 260.00		U
All FB Locations	8	0%	19.00	240.00						< 240.00		U
All Locations	30	0%	19.00	280.00						< 280.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-235. Summary statistics for PCB-051 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	64.50	48.50	25.00	30.88	102.12	120.00	71.25	E
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	58.06	49.25	4.85	25.00	100.00	120.00	75.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	49.32	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	51.82	49.00	4.85	17.75	77.50	120.00	59.75	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	48.01	48.25	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-236. Summary statistics for PCB-052-073 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	21.00	21.00	12.00			30.00		
CBX	1	100%	190.00	190.00		18.00						
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	50%	19.00	190.00	11.75	11.75	9.50			14.00		E
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	100%	19.00	190.00	20.00	18.00	12.00	13.50	27.00	30.00	13.50	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	25%	19.00	190.00	10.75	9.75	9.50	9.50	12.00	14.00	2.50	E
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	27%	19.00	190.00	12.07	10.00	9.50	9.50	11.62	30.00	2.12	E
Puyallup Watershed												
CBA	2	50%	19.00	190.00	18.25	18.25	9.50			27.00		E
CBB	1	100%	190.00	190.00		13.00						
RB53	2	50%	19.00	200.00	12.25	12.25	9.50			15.00		E
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	100%	20.00	190.00	28.00	28.00	14.00			42.00		
AG62	2	50%	21.00	200.00	10.25	10.25	10.00			10.50		E
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	67%	19.00	190.00	16.50	13.00	9.50	10.38	23.50	27.00	13.12	
All Puyallup RB Locations	4	25%	19.00	200.00	11.12	10.00	9.50	9.75	12.50	15.00	2.75	E
All Puyallup AG Locations	4	75%	20.00	200.00	19.12	12.25	10.00	10.25	28.00	42.00	17.75	
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	40%	19.00	200.00	13.93	10.00	9.50	9.50	13.75	42.00	4.25	E
All Monitoring Locations Combined												
All CB Locations	6	83%	19.00	190.00	18.25	15.50	9.50	12.00	27.00	30.00	15.00	
All RB Locations	8	13%	19.00	200.00	10.56	10.00	9.50	9.75	10.25	15.00	0.50	E
All AG Locations	8	50%	19.00	200.00	14.94	10.25	9.50	9.75	14.00	42.00	4.25	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	33%	19.00	200.00	13.00	10.00	9.50	9.50	13.00	42.00	3.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-236. Summary statistics for PCB-052-073 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	600.00	570.00	350.00	405.00	802.50	880.00	397.50	
CBX	3	33%	9.70	200.00	71.83	50.00	15.50	24.12	125.00	150.00	100.87	E
RB111	3	33%	19.00	210.00	84.83	105.00	9.50	33.38	131.25	140.00	97.88	E
RB202	3	33%	9.90	200.00	39.65	50.00	4.95	16.21	60.50	64.00	44.29	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	26.78	26.00	4.85	10.14	43.62	49.50	33.49	E
FB203	3	33%	9.60	190.00	29.10	33.00	4.80	11.85	45.38	49.50	33.53	E
All Snohomish CB Locations	6	67%	9.70	240.00	335.92	250.00	15.50	50.00	570.00	880.00	520.00	
All Snohomish RB Locations	6	33%	9.90	210.00	62.24	57.00	4.95	9.50	105.00	140.00	95.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	33%	9.60	200.00	27.94	29.50	4.80	4.85	49.50	49.50	44.65	E
All Snomomish Locations	20	40%	9.60	240.00	128.83	49.50	4.80	10.00	122.50	880.00	112.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	91.33	110.00	34.00	53.00	125.00	130.00	72.00	
CBB	3	100%	21.00	99.00	58.67	49.00	27.00	32.50	87.25	100.00	54.75	
RB53	3	67%	21.00	200.00	54.67	43.00	21.00	26.50	85.75	100.00	59.25	
RB209	3	33%	21.00	190.00	42.17	21.00	10.50	13.12	76.50	95.00	63.37	E
AG143	1	100%	21.00	21.00		53.00						
AG62	1	100%	21.00	21.00		36.00						
FB130	3	67%	21.00	200.00	67.00	64.00	37.00	43.75	91.00	100.00	47.25	
FB372	3	67%	21.00	220.00	70.33	72.00	29.00	39.75	100.50	110.00	60.75	
All Puyallup CB Locations	6	100%	21.00	200.00	75.00	74.50	27.00	34.00	110.00	130.00	76.00	
All Puyallup RB Locations	6	50%	21.00	200.00	48.42	32.00	10.50	21.00	95.00	100.00	74.00	E
All Puyallup AG Locations	2	100%	21.00	21.00	44.50	44.50	36.00			53.00		
All Puyallup FB Locations	6	67%	21.00	220.00	68.67	68.00	29.00	37.00	100.00	110.00	63.00	
All Puyallup Locations	20	75%	21.00	220.00	62.08	51.00	10.50	31.50	100.00	130.00	68.50	
All Monitoring Locations Combined												
All CB Locations	12	83%	9.70	240.00	205.46	105.00	15.50	41.50	250.00	880.00	208.50	
All RB Locations	12	42%	9.90	210.00	55.33	46.50	4.95	15.75	97.50	140.00	81.75	E
All AG Locations	4	50%	19.00	21.00	27.25	23.25	9.50	10.00	44.50	53.00	34.50	E
All FB Locations	12	50%	9.60	220.00	48.30	43.25	4.80	27.50	68.00	110.00	40.50	E
All Locations	40	57%	9.60	240.00	95.45	49.50	4.80	23.50	100.00	880.00	76.50	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-237. Summary statistics for PCB-053 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-237. Summary statistics for PCB-053 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	38.00	28.00	20.00	22.00	56.50	66.00	34.50	
CBX	3	33%	9.70	200.00	21.95	11.00	4.85	6.39	40.25	50.00	33.86	E
RB111	3	33%	19.00	190.00	46.83	36.00	9.50	16.12	80.25	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	29.98	24.00	4.85	11.00	50.00	66.00	39.00	
All Snohomish RB Locations	6	17%	9.90	200.00	49.24	43.00	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	25%	9.60	240.00	39.95	32.00	4.80	9.50	58.00	100.00	48.50	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	33%	9.70	240.00	37.78	38.00	4.85	10.75	52.50	100.00	41.75	E
All RB Locations	12	8%	9.90	200.00	50.62	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	13%	9.60	240.00	43.32	47.75	4.80	10.50	60.50	110.00	50.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-238. Summary statistics for PCB-054 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-238. Summary statistics for PCB-054 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-239. Summary statistics for PCB-055 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-239. Summary statistics for PCB-055 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-240. Summary statistics for PCB-056-060 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-240. Summary statistics for PCB-056-060 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	91.00	63.00	60.00	60.75	128.25	150.00	67.50	
CBX	3	67%	9.70	200.00	25.67	14.00	13.00	13.25	41.00	50.00	27.75	
RB111	3	33%	19.00	190.00	59.83	75.00	9.50	25.88	90.00	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	83%	9.70	240.00	58.33	55.00	13.00	14.00	63.00	150.00	49.00	
All Snohomish RB Locations	6	17%	9.90	200.00	55.74	62.50	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	30%	9.60	240.00	50.40	49.75	4.80	10.00	85.00	150.00	75.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	53.00	39.00	20.00	24.75	84.75	100.00	60.00	
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	33%	21.00	200.00	44.50	43.50	10.50	20.00	49.50	100.00	29.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	10%	21.00	220.00	46.38	47.75	10.50	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	51.42	48.75	10.50	17.00	61.50	150.00	44.50	
All RB Locations	12	8%	9.90	200.00	53.87	49.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	20%	9.60	240.00	48.39	48.00	4.80	10.50	85.00	150.00	74.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-241. Summary statistics for PCB-057 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-241. Summary statistics for PCB-057 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-242. Summary statistics for PCB-058 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-242. Summary statistics for PCB-058 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-243. Summary statistics for PCB-061-074 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	9.60	9.60	9.50			9.70		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	9.57	9.50	9.50	9.50	9.65	9.70	0.15	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	7%	19.00	190.00	9.78	9.70	9.50	9.50	10.00	10.50	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	9.53	9.50	9.50	9.50	9.50	9.70	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	3%	19.00	190.00	9.72	9.50	9.50	9.50	10.00	10.50	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-243. Summary statistics for PCB-061-074 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	82.67	57.00	51.00	52.50	119.25	140.00	66.75	
CBX	3	33%	9.70	200.00	24.17	17.00	5.50	8.38	41.75	50.00	33.38	E
RB111	3	67%	19.00	190.00	20.17	16.00	9.50	11.12	30.25	35.00	19.12	
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	53.42	50.50	5.50	17.00	57.00	140.00	40.00	
All Snohomish RB Locations	6	33%	9.90	200.00	35.91	25.50	4.95	9.50	50.00	100.00	40.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	30%	9.60	240.00	42.98	42.25	4.80	9.50	54.00	140.00	44.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	17.50	13.00	10.50	11.12	25.00	29.00	13.88	
CBB	3	33%	21.00	99.00	27.67	23.00	10.50	13.62	42.88	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	22.58	18.00	10.50	10.50	29.00	49.50	18.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	15%	21.00	220.00	39.80	26.00	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	38.00	26.00	5.50	11.75	50.50	140.00	38.75	
All RB Locations	12	17%	9.90	200.00	43.95	41.50	4.95	10.50	72.50	100.00	62.00	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	22%	9.60	240.00	41.39	32.00	4.80	10.50	50.50	140.00	40.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-244. Summary statistics for PCB-062 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-244. Summary statistics for PCB-062 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-245. Summary statistics for PCB-063 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-245. Summary statistics for PCB-063 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-246. Summary statistics for PCB-065 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-246. Summary statistics for PCB-065 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-247. Summary statistics for PCB-066-076-080 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-247. Summary statistics for PCB-066-076-080 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	122.00	94.00	72.00	77.50	173.50	200.00	96.00	
CBX	3	67%	9.70	200.00	31.33	27.00	17.00	19.50	44.25	50.00	24.75	
RB111	3	67%	19.00	190.00	29.50	13.00	9.50	10.38	52.75	66.00	42.38	
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	83%	9.70	240.00	76.67	61.00	17.00	27.00	94.00	200.00	67.00	
All Snohomish RB Locations	6	33%	9.90	200.00	40.58	31.50	4.95	9.50	66.00	100.00	56.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	35%	9.60	240.00	51.35	49.50	4.80	10.00	83.00	200.00	73.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	34.50	35.00	18.00	22.25	46.62	50.50	24.38	
CBB	3	33%	21.00	99.00	41.50	48.00	27.00	32.25	49.12	49.50	16.88	E
RB53	3	33%	21.00	200.00	40.50	11.00	10.50	10.62	77.75	100.00	67.12	E
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	67%	21.00	200.00	38.00	41.50	18.00	27.00	49.50	50.50	22.50	
All Puyallup RB Locations	6	17%	21.00	200.00	45.83	29.50	10.50	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	25%	21.00	220.00	42.58	41.25	10.50	10.50	50.00	110.00	39.50	E
All Monitoring Locations Combined												
All CB Locations	12	75%	9.70	240.00	57.33	48.75	17.00	27.00	61.25	200.00	34.25	
All RB Locations	12	25%	9.90	200.00	43.20	30.50	4.95	10.50	80.50	100.00	70.00	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	30%	9.60	240.00	46.97	47.75	4.80	10.50	69.00	200.00	58.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-248. Summary statistics for PCB-067 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-248. Summary statistics for PCB-067 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-249. Summary statistics for PCB-069 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-249. Summary statistics for PCB-069 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-250. Summary statistics for PCB-070 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	20.75	20.75	9.50			32.00		E
CBB	1	100%	190.00	190.00		12.00						
RB53	2	50%	19.00	200.00	12.75	12.75	9.50			16.00		E
RB209	2	50%	20.00	200.00	10.00	10.00	10.00			10.00		E
AG143	2	50%	20.00	190.00	14.50	14.50	10.00			19.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	67%	19.00	190.00	17.83	12.00	9.50	10.12	27.00	32.00	16.88	
All Puyallup RB Locations	4	50%	19.00	200.00	11.38	10.00	9.50	9.75	13.00	16.00	3.25	E
All Puyallup AG Locations	4	25%	20.00	190.00	12.38	10.25	10.00	10.00	14.75	19.00	4.75	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	33%	19.00	200.00	12.47	10.00	9.50	9.50	11.62	32.00	2.12	E
All Monitoring Locations Combined												
All CB Locations	6	33%	19.00	190.00	13.67	9.50	9.50	9.50	12.00	32.00	2.50	E
All RB Locations	8	25%	19.00	200.00	10.69	10.00	9.50	9.75	10.25	16.00	0.50	E
All AG Locations	8	13%	19.00	190.00	11.00	10.00	9.50	9.50	10.25	19.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	17%	19.00	200.00	11.07	9.50	9.50	9.50	10.00	32.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-250. Summary statistics for PCB-070 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	453.33	310.00	310.00	310.00	632.50	740.00	322.50	
CBX	3	33%	9.70	200.00	35.62	50.00	4.85	16.14	51.50	52.00	35.36	E
RB111	3	67%	19.00	190.00	56.17	49.00	9.50	19.38	94.75	110.00	75.38	
RB202	3	33%	9.90	200.00	25.32	21.00	4.95	8.96	42.75	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	33%	9.60	190.00	21.43	10.00	4.80	6.10	39.62	49.50	33.52	E
All Snohomish CB Locations	6	67%	9.70	240.00	244.47	181.00	4.85	50.00	310.00	740.00	260.00	
All Snohomish RB Locations	6	50%	9.90	200.00	40.74	35.00	4.95	9.50	50.00	110.00	40.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	17%	9.60	200.00	36.44	29.75	4.80	4.85	49.50	100.00	44.65	E
All Snomomish Locations	20	40%	9.60	240.00	97.50	49.25	4.80	9.50	76.00	740.00	66.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	66.67	61.00	39.00	44.50	90.25	100.00	45.75	
CBB	3	33%	21.00	99.00	28.50	27.00	10.50	14.62	42.75	48.00	28.12	E
RB53	3	67%	21.00	200.00	53.33	37.00	23.00	26.50	84.25	100.00	57.75	
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	100%	21.00	21.00		28.00						
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	33%	21.00	200.00	42.83	18.00	10.50	12.38	79.50	100.00	67.12	E
FB372	3	33%	21.00	220.00	48.50	25.00	10.50	14.12	88.75	110.00	74.62	E
All Puyallup CB Locations	6	67%	21.00	200.00	47.58	43.50	10.50	27.00	61.00	100.00	34.00	
All Puyallup RB Locations	6	33%	21.00	200.00	52.25	42.50	10.50	23.00	95.00	100.00	72.00	E
All Puyallup AG Locations	2	50%	21.00	21.00	19.25	19.25	10.50			28.00		E
All Puyallup FB Locations	6	33%	21.00	220.00	45.67	21.50	10.50	10.50	100.00	110.00	89.50	E
All Puyallup Locations	20	45%	21.00	220.00	45.58	32.50	10.50	14.25	78.00	110.00	63.75	E
All Monitoring Locations Combined												
All CB Locations	12	67%	9.70	240.00	146.03	51.00	4.85	33.00	205.00	740.00	172.00	
All RB Locations	12	42%	9.90	200.00	46.50	42.50	4.95	15.75	72.50	110.00	56.75	E
All AG Locations	4	25%	19.00	21.00	14.62	10.50	9.50	10.00	19.25	28.00	9.25	E
All FB Locations	12	25%	9.60	220.00	41.05	21.50	4.80	10.25	74.75	110.00	64.50	E
All Locations	40	43%	9.60	240.00	71.54	38.00	4.80	10.50	78.00	740.00	67.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-251. Summary statistics for PCB-071 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-251. Summary statistics for PCB-071 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	44.67	26.00	23.00	23.75	70.25	85.00	46.50	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	33%	19.00	190.00	44.83	30.00	9.50	14.62	78.75	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	48.14	38.00	4.85	23.00	85.00	100.00	62.00	E
All Snohomish RB Locations	6	17%	9.90	200.00	48.24	40.00	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	20%	9.60	240.00	45.10	39.75	4.80	9.50	90.00	100.00	80.50	E
Puyallup Watershed												
CBA	3	33%	21.00	200.00	41.17	13.00	10.50	11.12	78.25	100.00	67.12	E
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	38.58	30.50	10.50	10.50	49.50	100.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	44.60	47.75	10.50	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	33%	9.70	240.00	43.36	37.00	4.85	11.75	67.50	100.00	55.75	E
All RB Locations	12	8%	9.90	200.00	50.12	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	13%	9.60	240.00	44.85	47.75	4.80	10.50	90.00	110.00	79.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-252. Summary statistics for PCB-072 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-252. Summary statistics for PCB-072 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-253. Summary statistics for PCB-077 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-253. Summary statistics for PCB-077 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	67%	10.00	54.00	59.67	42.00	27.00	30.75	93.00	110.00	62.25	
CBX	3	0%	9.70	20.00						< 20.00		U
RB111	3	0%	11.00	19.00						< 19.00		U
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	33%	9.70	54.00	33.14	18.50	4.85	5.00	42.00	110.00	37.00	E
All Snohomish RB Locations	6	0%	9.90	20.00						< 20.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	10%	9.60	54.00	15.12	9.50	4.80	4.95	10.00	110.00	5.05	E
Puyallup Watershed												
CBA	3	0%	11.00	21.00						< 21.00		U
CBB	3	0%	9.60	21.00						< 21.00		U
RB53	3	0%	9.60	21.00						< 21.00		U
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup RB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	0%	9.50	22.00						< 22.00		U
All Monitoring Locations Combined												
All CB Locations	12	17%	9.60	54.00	20.43	10.00	4.80	4.97	18.75	110.00	13.77	E
All RB Locations	12	0%	9.60	21.00						< 21.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	5%	9.50	54.00	11.78	9.50	4.75	4.95	10.50	110.00	5.55	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-254. Summary statistics for PCB-078 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-254. Summary statistics for PCB-078 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-255. Summary statistics for PCB-079 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-255. Summary statistics for PCB-079 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	61.17	48.50	15.00	23.38	102.12	120.00	78.75	E
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	56.39	49.25	4.85	15.00	100.00	120.00	85.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	48.82	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	50.99	49.00	4.85	12.75	77.50	120.00	64.75	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	47.76	48.25	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-256. Summary statistics for PCB-081 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-256. Summary statistics for PCB-081 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	24.00	15.67	12.00	6.00	7.50	24.75	29.00	17.25	E
CBX	3	0%	9.70	20.00						< 20.00		U
RB111	3	0%	11.00	19.00						< 19.00		U
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	17%	9.70	24.00	11.14	8.00	4.85	5.00	12.00	29.00	7.00	E
All Snohomish RB Locations	6	0%	9.90	20.00						< 20.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	5%	9.60	24.00	8.52	7.75	4.80	4.95	10.00	29.00	5.05	E
Puyallup Watershed												
CBA	3	0%	11.00	21.00						< 21.00		U
CBB	3	0%	9.60	21.00						< 21.00		U
RB53	3	0%	9.60	21.00						< 21.00		U
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup RB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	0%	9.50	22.00						< 22.00		U
All Monitoring Locations Combined												
All CB Locations	12	8%	9.60	24.00	9.43	8.00	4.80	4.97	10.50	29.00	5.53	E
All RB Locations	12	0%	9.60	21.00						< 21.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	3%	9.50	24.00	8.48	9.50	4.75	4.95	10.50	29.00	5.55	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-257. Summary statistics for PCB-082 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-257. Summary statistics for PCB-082 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	180.00	140.00	120.00	125.00	245.00	280.00	120.00	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	115.81	110.00	4.85	50.00	140.00	280.00	90.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	66.65	50.00	4.80	9.50	100.00	280.00	90.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	21.83	14.00	10.50	11.38	34.25	41.00	22.88	
CBB	3	33%	21.00	99.00	25.33	16.00	10.50	11.88	41.12	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	23.58	15.00	10.50	10.50	41.00	49.50	30.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	15%	21.00	220.00	40.10	28.50	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	50%	9.70	240.00	69.70	45.25	4.85	12.25	110.00	280.00	97.75	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	15%	9.60	240.00	53.37	48.00	4.80	10.50	95.00	280.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-258. Summary statistics for PCB-083-108 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-258. Summary statistics for PCB-083-108 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	62.67	45.00	43.00	43.50	86.25	100.00	42.75	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	57.14	47.50	4.85	43.00	100.00	100.00	57.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	49.05	49.50	4.80	9.50	95.00	100.00	85.50	E
Puyallup Watershed												
CBA	3	33%	21.00	200.00	40.83	12.00	10.50	10.88	78.00	100.00	67.12	E
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	38.42	30.00	10.50	10.50	49.50	100.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	44.55	47.75	10.50	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	33%	9.70	240.00	47.78	46.50	4.85	11.25	75.00	100.00	63.75	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	10%	9.60	240.00	46.80	48.00	4.80	10.50	95.00	110.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-259. Summary statistics for PCB-084 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	19.50	19.50	16.00			23.00		
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	67%	19.00	190.00	16.17	16.00	9.50	11.12	21.25	23.00	10.12	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	13%	19.00	190.00			9.50	9.50	10.00	23.00	0.50	E
Puyallup Watershed												
CBA	2	50%	19.00	190.00	13.75	13.75	9.50			18.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	10.50	10.50	10.00			11.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	12.33	9.50	9.50	9.50	15.87	18.00	6.38	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	10.38	10.25	10.00	10.00	10.75	11.00	0.75	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	10.43	10.00	9.50	9.50	10.00	18.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	50%	19.00	190.00	14.25	12.75	9.50	9.50	18.00	23.00	8.50	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	10.00	10.00	9.50	9.50	10.25	11.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	13%	19.00	190.00	10.72	9.75	9.50	9.50	10.00	23.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-259. Summary statistics for PCB-084 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	380.00	290.00	270.00	275.00	507.50	580.00	232.50	
CBX	3	33%	9.70	200.00	30.33	30.00	11.00	15.75	45.00	50.00	29.25	E
RB111	3	67%	19.00	190.00	26.17	25.00	9.50	13.38	39.25	44.00	25.88	
RB202	3	33%	9.90	200.00	21.98	11.00	4.95	6.46	40.25	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	205.17	160.00	11.00	30.00	290.00	580.00	260.00	
All Snohomish RB Locations	6	50%	9.90	200.00	24.07	18.00	4.95	9.50	44.00	50.00	34.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	35%	9.60	240.00	84.96	37.00	4.80	10.00	72.50	580.00	62.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	46.67	44.00	25.00	29.75	64.25	71.00	34.50	
CBB	3	67%	21.00	99.00	23.17	18.00	10.50	12.38	35.25	41.00	22.88	
RB53	3	33%	21.00	200.00	40.17	10.50	10.00	10.12	77.62	100.00	67.50	E
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	33%	21.00	220.00	44.83	14.00	10.50	11.38	86.00	110.00	74.62	E
All Puyallup CB Locations	6	83%	21.00	200.00	34.92	33.00	10.50	18.00	44.00	71.00	26.00	
All Puyallup RB Locations	6	17%	21.00	200.00	45.67	29.25	10.00	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	17%	21.00	220.00	49.00	31.50	10.50	10.50	100.00	110.00	89.50	E
All Puyallup Locations	20	35%	21.00	220.00	39.92	21.50	10.00	10.50	60.00	110.00	49.50	E
All Monitoring Locations Combined												
All CB Locations	12	75%	9.70	240.00	120.04	42.50	10.50	21.50	170.50	580.00	149.00	
All RB Locations	12	33%	9.90	200.00	34.87	18.00	4.95	10.25	49.00	100.00	38.75	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	8%	9.60	220.00	49.80	49.25	4.80	10.50	97.50	110.00	87.00	E
All Locations	40	35%	9.60	240.00	62.44	27.50	4.80	10.50	60.50	580.00	50.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-260. Summary statistics for PCB-085-120 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-260. Summary statistics for PCB-085-120 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	190.00	140.00	130.00	132.50	260.00	300.00	127.50	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	120.81	115.00	4.85	50.00	140.00	300.00	90.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	68.15	50.00	4.80	9.50	100.00	300.00	90.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	19.83	13.00	10.50	11.12	30.25	36.00	19.12	
CBB	3	33%	21.00	99.00	25.67	17.00	10.50	12.12	41.38	49.50	29.25	E
RB53	3	33%	21.00	200.00	40.17	10.50	10.00	10.12	77.62	100.00	67.50	E
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	22.75	15.00	10.50	10.50	36.00	49.50	25.50	E
All Puyallup RB Locations	6	17%	21.00	200.00	45.67	29.25	10.00	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	20%	21.00	220.00	37.95	15.00	10.00	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	50%	9.70	240.00	71.78	42.75	4.85	11.75	115.00	300.00	103.25	E
All RB Locations	12	8%	9.90	200.00	49.04	49.00	4.95	10.25	95.00	100.00	84.75	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	17%	9.60	240.00	53.05	47.75	4.80	10.50	95.00	300.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-261. Summary statistics for PCB-086-087-097-111-115-116-11 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	35.50	35.50	28.00			43.00		
CBX	1	100%	190.00	190.00		10.00						
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	100%	19.00	190.00	27.00	28.00	10.00	14.50	39.25	43.00	24.75	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	20%	19.00	190.00	13.17	9.50	9.50	9.50	10.00	43.00	0.50	E
Puyallup Watershed												
CBA	2	50%	19.00	190.00	28.25	28.25	9.50			47.00		E
CBB	1	100%	190.00	190.00		15.00						
RB53	2	50%	19.00	200.00	12.75	12.75	9.50			16.00		E
RB209	2	50%	20.00	200.00	10.50	10.50	10.00			11.00		E
AG143	2	100%	20.00	190.00	32.50	32.50	27.00			38.00		
AG62	2	50%	21.00	200.00	11.75	11.75	10.50			13.00		E
FB130	2	50%	20.00	190.00	11.00	11.00	10.00			12.00		E
FB372	2	50%	19.00	190.00	10.25	10.25	9.50			11.00		E
All Puyallup CB Locations	3	67%	19.00	190.00	23.83	15.00	9.50	10.88	39.00	47.00	28.12	
All Puyallup RB Locations	4	50%	19.00	200.00	11.62	10.50	9.50	9.75	13.50	16.00	3.75	E
All Puyallup AG Locations	4	75%	20.00	200.00	22.12	20.00	10.50	11.75	32.50	38.00	20.75	
All Puyallup FB Locations	4	50%	19.00	190.00	10.62	10.50	9.50	9.75	11.50	12.00	1.75	E
All Puyallup Locations	15	60%	19.00	200.00	16.60	11.00	9.50	10.00	15.75	47.00	5.75	
All Monitoring Locations Combined												
All CB Locations	6	83%	19.00	190.00	25.42	21.50	9.50	10.00	43.00	47.00	33.00	
All RB Locations	8	25%	19.00	200.00	10.81	10.00	9.50	9.75	10.75	16.00	1.00	E
All AG Locations	8	38%	19.00	200.00	15.88	10.25	9.50	9.50	20.00	38.00	10.50	E
All FB Locations	8	25%	19.00	190.00	10.06	9.50	9.50	9.50	10.50	12.00	1.00	E
All Locations	30	40%	19.00	200.00	14.88	10.00	9.50	9.50	13.00	47.00	3.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-261. Summary statistics for PCB-086-087-097-111-115-116-11 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	1106.67	890.00	730.00	770.00	1497.50	1700.00	727.50	
CBX	3	33%	9.70	200.00	45.33	50.00	33.00	37.25	52.25	53.00	15.00	E
RB111	3	67%	19.00	190.00	39.83	39.00	9.50	16.88	63.00	71.00	46.12	
RB202	3	33%	9.90	200.00	25.32	21.00	4.95	8.96	42.75	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	33%	9.60	190.00	21.77	11.00	4.80	6.35	39.87	49.50	33.52	E
All Snohomish CB Locations	6	67%	9.70	240.00	576.00	391.50	33.00	50.00	890.00	1700.00	840.00	
All Snohomish RB Locations	6	50%	9.90	200.00	32.58	30.00	4.95	9.50	50.00	71.00	40.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	17%	9.60	200.00	36.61	30.25	4.80	4.85	49.50	100.00	44.65	E
All Snomomish Locations	20	40%	9.60	240.00	194.56	44.25	4.80	10.00	62.00	1700.00	52.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	109.67	93.00	36.00	50.25	173.25	200.00	123.00	
CBB	3	100%	21.00	99.00	56.67	39.00	38.00	38.25	79.50	93.00	41.25	
RB53	3	67%	21.00	200.00	58.00	39.00	35.00	36.00	84.75	100.00	48.75	
RB209	3	33%	21.00	190.00	38.37	10.50	9.60	9.83	73.87	95.00	64.05	E
AG143	1	100%	21.00	21.00		41.00						
AG62	1	100%	21.00	21.00		25.00						
FB130	3	67%	21.00	200.00	48.33	26.00	19.00	20.75	81.50	100.00	60.75	
FB372	3	67%	21.00	220.00	52.00	28.00	18.00	20.50	89.50	110.00	69.00	
All Puyallup CB Locations	6	100%	21.00	200.00	83.17	66.00	36.00	38.00	93.00	200.00	55.00	
All Puyallup RB Locations	6	50%	21.00	200.00	48.18	37.00	9.60	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	100%	21.00	21.00	33.00	33.00	25.00			41.00		
All Puyallup FB Locations	6	67%	21.00	220.00	50.17	27.00	18.00	19.00	100.00	110.00	81.00	
All Puyallup Locations	20	75%	21.00	220.00	57.75	38.50	9.60	25.50	94.00	200.00	68.50	
All Monitoring Locations Combined												
All CB Locations	12	83%	9.70	240.00	329.58	73.00	33.00	38.50	465.00	1700.00	426.50	
All RB Locations	12	50%	9.90	200.00	40.38	37.00	4.95	10.05	60.50	100.00	50.45	E
All AG Locations	4	50%	19.00	21.00	21.50	17.75	9.50	10.00	33.00	41.00	23.00	E
All FB Locations	12	42%	9.60	220.00	43.39	27.00	4.80	14.50	74.75	110.00	60.25	E
All Locations	40	57%	9.60	240.00	126.16	39.00	4.80	18.50	93.00	1700.00	74.50	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-262. Summary statistics for PCB-088-121 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-262. Summary statistics for PCB-088-121 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-263. Summary statistics for PCB-089-090-101 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	53.00	53.00	37.00			69.00		
CBX	1	100%	190.00	190.00		14.00						
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	50%	19.00	190.00	10.75	10.75	9.50			12.00		E
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	50%	19.00	190.00	11.25	11.25	9.50			13.00		E
All Snohomish CB Locations	3	100%	19.00	190.00	40.00	37.00	14.00	19.75	61.00	69.00	41.25	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	25%	19.00	190.00	10.25	9.75	9.50	9.50	11.00	12.00	1.50	E
All Snohomish FB Locations	4	25%	19.00	190.00	10.38	9.50	9.50	9.50	11.25	13.00	1.75	E
All Snomomish Locations	15	33%	19.00	190.00	16.17	10.00	9.50	9.50	12.75	69.00	3.25	E
Puyallup Watershed												
CBA	2	100%	19.00	190.00	51.00	51.00	35.00			67.00		
CBB	1	100%	190.00	190.00		21.00						
RB53	2	50%	19.00	200.00	16.25	16.25	9.50			23.00		E
RB209	2	50%	20.00	200.00	13.50	13.50	10.00			17.00		E
AG143	2	100%	20.00	190.00	58.50	58.50	52.00			65.00		
AG62	2	50%	21.00	200.00	14.75	14.75	10.50			19.00		E
FB130	2	50%	20.00	190.00	12.50	12.50	10.00			15.00		E
FB372	2	50%	19.00	190.00	11.75	11.75	9.50			14.00		E
All Puyallup CB Locations	3	100%	19.00	190.00	41.00	35.00	21.00	24.50	59.00	67.00	34.50	
All Puyallup RB Locations	4	50%	19.00	200.00	14.88	13.50	9.50	9.75	20.00	23.00	10.25	E
All Puyallup AG Locations	4	75%	20.00	200.00	36.62	35.50	10.50	14.75	58.50	65.00	43.75	
All Puyallup FB Locations	4	50%	19.00	190.00	12.12	12.00	9.50	9.75	14.50	15.00	4.75	E
All Puyallup Locations	15	67%	19.00	200.00	25.17	17.00	9.50	10.12	32.00	67.00	21.88	
All Monitoring Locations Combined												
All CB Locations	6	100%	19.00	190.00	40.50	36.00	14.00	21.00	67.00	69.00	46.00	
All RB Locations	8	25%	19.00	200.00	12.44	10.00	9.50	9.75	13.75	23.00	4.00	E
All AG Locations	8	50%	19.00	200.00	23.44	11.25	9.50	9.75	35.50	65.00	25.75	E
All FB Locations	8	38%	19.00	190.00	11.25	9.75	9.50	9.50	13.50	15.00	4.00	E
All Locations	30	50%	19.00	200.00	20.67	11.25	9.50	9.50	21.00	69.00	11.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-263. Summary statistics for PCB-089-090-101 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	1010.00	750.00	580.00	622.50	1462.50	1700.00	840.00	
CBX	3	33%	9.70	200.00	50.17	50.00	32.50	36.88	63.50	68.00	26.62	E
RB111	3	67%	19.00	190.00	46.17	57.00	9.50	21.38	68.25	72.00	46.88	
RB202	3	33%	9.90	200.00	27.32	27.00	4.95	10.46	44.25	50.00	33.79	E
AG174	1	0%	21.00	22.00						< 22.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	21.78	11.00	4.85	6.39	39.87	49.50	33.49	E
FB203	3	33%	9.60	190.00	22.77	14.00	4.80	7.10	40.62	49.50	33.52	E
All Snohomish CB Locations	6	67%	9.70	240.00	530.08	324.00	32.50	50.00	750.00	1700.00	700.00	
All Snohomish RB Locations	6	50%	9.90	200.00	36.74	38.50	4.95	9.50	57.00	72.00	47.50	E
All Snohomish AG Locations	2	0%	19.00	22.00						< 22.00		U
All Snohomish FB Locations	6	33%	9.60	200.00	22.27	12.50	4.80	4.85	49.50	49.50	44.65	E
All Snomomish Locations	20	45%	9.60	240.00	177.76	41.00	4.80	10.25	62.50	1700.00	52.25	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	136.33	150.00	79.00	96.75	172.50	180.00	75.75	
CBB	3	100%	21.00	99.00	59.67	38.00	31.00	32.75	92.00	110.00	59.25	
RB53	3	67%	21.00	200.00	58.00	40.00	34.00	35.50	85.00	100.00	49.50	
RB209	3	33%	21.00	190.00	38.83	11.00	10.50	10.62	74.00	95.00	63.37	E
AG143	1	100%	21.00	21.00		57.00						
AG62	1	100%	21.00	21.00		32.00						
FB130	3	67%	21.00	200.00	48.00	30.00	14.00	18.00	82.50	100.00	64.50	
FB372	3	67%	21.00	220.00	54.33	30.00	23.00	24.75	90.00	110.00	65.25	
All Puyallup CB Locations	6	100%	21.00	200.00	98.00	94.50	31.00	38.00	150.00	180.00	112.00	
All Puyallup RB Locations	6	50%	21.00	200.00	48.42	37.00	10.50	11.00	95.00	100.00	84.00	E
All Puyallup AG Locations	2	100%	21.00	21.00	44.50	44.50	32.00			57.00		
All Puyallup FB Locations	6	67%	21.00	220.00	51.17	30.00	14.00	23.00	100.00	110.00	77.00	
All Puyallup Locations	20	75%	21.00	220.00	63.72	39.00	10.50	30.00	100.00	180.00	70.00	
All Monitoring Locations Combined												
All CB Locations	12	83%	9.70	240.00	314.04	94.50	31.00	44.00	380.00	1700.00	336.00	
All RB Locations	12	50%	9.90	200.00	42.58	37.00	4.95	10.75	64.50	100.00	53.75	E
All AG Locations	4	50%	19.00	22.00	27.38	21.50	9.50	10.25	44.50	57.00	34.25	E
All FB Locations	12	50%	9.60	220.00	36.72	26.50	4.80	12.50	49.50	110.00	37.00	E
All Locations	40	60%	9.60	240.00	120.74	39.00	4.80	14.00	87.00	1700.00	73.00	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-264. Summary statistics for PCB-091 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-264. Summary statistics for PCB-091 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	163.33	120.00	110.00	112.50	225.00	260.00	112.50	
CBX	3	33%	9.70	200.00	23.28	15.00	4.85	7.39	41.25	50.00	33.86	E
RB111	3	33%	19.00	190.00	25.50	12.00	9.50	10.12	44.25	55.00	34.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	93.31	80.00	4.85	15.00	120.00	260.00	105.00	
All Snohomish RB Locations	6	17%	9.90	200.00	38.58	31.00	4.95	9.50	55.00	100.00	45.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	25%	9.60	240.00	55.75	49.50	4.80	9.50	97.50	260.00	88.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	24.00	20.00	14.00	15.50	33.50	38.00	18.00	
CBB	3	33%	21.00	99.00	25.00	15.00	10.50	11.62	40.87	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	67%	21.00	200.00	24.50	17.50	10.50	14.00	38.00	49.50	24.00	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	20%	21.00	220.00	40.38	29.00	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	67%	9.70	240.00	58.90	29.00	4.85	14.50	80.00	260.00	65.50	
All RB Locations	12	8%	9.90	200.00	45.29	48.00	4.95	10.50	75.00	100.00	64.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	22%	9.60	240.00	48.06	42.75	4.80	10.50	75.00	260.00	64.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-265. Summary statistics for PCB-092 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	12.75	12.75	9.50			16.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	10.50	10.50	10.00			11.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	11.67	9.50	9.50	9.50	14.38	16.00	4.88	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	10.38	10.25	10.00	10.00	10.75	11.00	0.75	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	10.30	10.00	9.50	9.50	10.00	16.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	10.58	9.50	9.50	9.50	9.50	16.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	10.00	10.00	9.50	9.50	10.25	11.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	7%	19.00	190.00	9.98	9.50	9.50	9.50	10.00	16.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-265. Summary statistics for PCB-092 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	246.67	180.00	150.00	157.50	352.50	410.00	195.00	
CBX	3	33%	9.70	200.00	25.00	17.00	8.00	10.25	41.75	50.00	31.50	E
RB111	3	67%	19.00	190.00	14.83	14.00	9.50	10.62	19.25	21.00	8.62	
RB202	3	33%	9.90	200.00	38.32	10.00	4.95	6.21	77.50	100.00	71.29	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	135.83	100.00	8.00	17.00	180.00	410.00	163.00	
All Snohomish RB Locations	6	50%	9.90	200.00	26.57	12.00	4.95	9.50	21.00	100.00	11.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	35%	9.60	240.00	64.90	19.00	4.80	9.50	97.50	410.00	88.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	36.00	36.00	21.00	24.75	47.25	51.00	22.50	
CBB	3	33%	21.00	99.00	27.00	21.00	10.50	13.12	42.38	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	67%	21.00	200.00	31.50	28.50	10.50	21.00	49.50	51.00	28.50	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	20%	21.00	220.00	42.47	41.75	10.50	10.50	50.25	110.00	39.75	E
All Monitoring Locations Combined												
All CB Locations	12	67%	9.70	240.00	83.67	42.75	8.00	19.00	100.50	410.00	81.50	
All RB Locations	12	25%	9.90	200.00	39.29	17.50	4.95	10.25	71.50	100.00	61.25	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	28%	9.60	240.00	53.69	28.50	4.80	10.50	73.00	410.00	62.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-266. Summary statistics for PCB-093-095 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	60.50	60.50	55.00			66.00		
CBX	1	100%	190.00	190.00		24.00						
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	50%	19.00	190.00	13.25	13.25	9.50			17.00		E
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	50%	19.00	190.00	11.75	11.75	9.50			14.00		E
All Snohomish CB Locations	3	100%	19.00	190.00	48.33	55.00	24.00	31.75	63.25	66.00	31.50	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	25%	19.00	190.00	11.50	9.75	9.50	9.50	13.50	17.00	4.00	E
All Snohomish FB Locations	4	25%	19.00	190.00	10.62	9.50	9.50	9.50	11.75	14.00	2.25	E
All Snomomish Locations	15	33%	19.00	190.00	18.23	10.00	9.50	9.50	16.25	66.00	6.75	E
Puyallup Watershed												
CBA	2	100%	19.00	190.00	49.00	49.00	28.00			70.00		
CBB	1	100%	190.00	190.00		24.00						
RB53	2	50%	19.00	200.00	15.75	15.75	9.50			22.00		E
RB209	2	50%	20.00	200.00	14.00	14.00	10.00			18.00		E
AG143	2	100%	20.00	190.00	54.50	54.50	41.00			68.00		
AG62	2	50%	21.00	200.00	15.25	15.25	10.50			20.00		E
FB130	2	50%	20.00	190.00	13.00	13.00	10.00			16.00		E
FB372	2	50%	19.00	190.00	11.75	11.75	9.50			14.00		E
All Puyallup CB Locations	3	100%	19.00	190.00	40.67	28.00	24.00	25.00	59.50	70.00	34.50	
All Puyallup RB Locations	4	50%	19.00	200.00	14.88	14.00	9.50	9.75	20.00	22.00	10.25	E
All Puyallup AG Locations	4	75%	20.00	200.00	34.88	30.50	10.50	15.25	54.50	68.00	39.25	
All Puyallup FB Locations	4	50%	19.00	190.00	12.38	12.00	9.50	9.75	15.00	16.00	5.25	E
All Puyallup Locations	15	67%	19.00	200.00	24.70	18.00	9.50	10.12	27.00	70.00	16.88	
All Monitoring Locations Combined												
All CB Locations	6	100%	19.00	190.00	44.50	41.50	24.00	24.00	66.00	70.00	42.00	
All RB Locations	8	25%	19.00	200.00	12.44	10.00	9.50	9.75	14.25	22.00	4.50	E
All AG Locations	8	50%	19.00	200.00	23.19	13.75	9.50	9.75	30.50	68.00	20.75	E
All FB Locations	8	38%	19.00	190.00	11.50	9.75	9.50	9.50	14.00	16.00	4.50	E
All Locations	30	50%	19.00	200.00	21.47	12.25	9.50	9.50	24.00	70.00	14.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-266. Summary statistics for PCB-093-095 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	1090.00	830.00	740.00	762.50	1482.50	1700.00	720.00	
CBX	3	33%	9.70	200.00	54.95	50.00	4.85	16.14	95.00	110.00	78.86	E
RB111	3	33%	19.00	190.00	55.83	60.00	9.50	22.12	88.50	98.00	66.38	E
RB202	3	33%	9.90	200.00	32.65	43.00	4.95	14.46	48.25	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	24.12	18.00	4.85	8.14	41.62	49.50	33.49	E
FB203	3	33%	9.60	190.00	26.10	24.00	4.80	9.60	43.12	49.50	33.53	E
All Snohomish CB Locations	6	67%	9.70	240.00	572.48	425.00	4.85	50.00	830.00	1700.00	780.00	
All Snohomish RB Locations	6	33%	9.90	200.00	44.24	46.50	4.95	9.50	60.00	98.00	50.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	33%	9.60	200.00	25.11	21.00	4.80	4.85	49.50	49.50	44.65	E
All Snomomish Locations	20	40%	9.60	240.00	193.55	46.25	4.80	9.50	79.00	1700.00	69.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	120.00	89.00	21.00	38.00	209.75	250.00	171.75	
CBB	3	100%	21.00	99.00	75.67	62.00	45.00	49.25	105.50	120.00	56.25	
RB53	3	67%	21.00	200.00	57.00	36.00	35.00	35.25	84.00	100.00	48.75	
RB209	3	33%	21.00	190.00	41.17	18.00	10.50	12.38	75.75	95.00	63.37	E
AG143	1	100%	21.00	21.00		75.00						
AG62	1	100%	21.00	21.00		39.00						
FB130	3	67%	21.00	200.00	59.67	41.00	38.00	38.75	85.25	100.00	46.50	
FB372	3	67%	21.00	220.00	63.33	41.00	39.00	39.50	92.75	110.00	53.25	
All Puyallup CB Locations	6	100%	21.00	200.00	97.83	75.50	21.00	45.00	120.00	250.00	75.00	
All Puyallup RB Locations	6	50%	21.00	200.00	49.08	35.50	10.50	18.00	95.00	100.00	77.00	E
All Puyallup AG Locations	2	100%	21.00	21.00	57.00	57.00	39.00			75.00		
All Puyallup FB Locations	6	67%	21.00	220.00	61.50	41.00	38.00	39.00	100.00	110.00	61.00	
All Puyallup Locations	20	75%	21.00	220.00	68.22	43.00	10.50	37.00	97.50	250.00	60.50	
All Monitoring Locations Combined												
All CB Locations	12	83%	9.70	240.00	335.15	99.50	4.85	47.50	495.00	1700.00	447.50	
All RB Locations	12	42%	9.90	200.00	46.66	39.50	4.95	14.25	77.50	100.00	63.25	E
All AG Locations	4	50%	19.00	21.00	33.50	24.75	9.50	10.00	57.00	75.00	47.00	E
All FB Locations	12	50%	9.60	220.00	43.30	40.00	4.80	21.00	49.50	110.00	28.50	E
All Locations	40	57%	9.60	240.00	130.89	44.00	4.80	19.50	96.50	1700.00	77.00	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-267. Summary statistics for PCB-094 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-267. Summary statistics for PCB-094 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-268. Summary statistics for PCB-096 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-268. Summary statistics for PCB-096 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-269. Summary statistics for PCB-098-102 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-269. Summary statistics for PCB-098-102 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	67%	10.00	240.00	12.67	12.00	5.00	6.75	18.75	21.00	12.00	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	33%	9.70	240.00	32.14	16.50	4.85	5.00	50.00	100.00	45.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	10%	9.60	240.00	41.55	35.25	4.80	7.25	75.00	100.00	67.75	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	17%	9.70	240.00	38.86	34.50	4.85	10.50	52.50	100.00	42.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	5%	9.60	240.00	44.12	48.00	4.80	10.50	75.00	110.00	64.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-270. Summary statistics for PCB-099 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	20.00	20.00	15.00			25.00		
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	67%	19.00	190.00	16.50	15.00	9.50	10.88	22.50	25.00	11.62	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	13%	19.00	190.00	11.07	9.50	9.50	9.50	10.00	25.00	0.50	E
Puyallup Watershed												
CBA	2	50%	19.00	190.00	17.25	17.25	9.50			25.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	14.50	14.50	10.00			19.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	14.67	9.50	9.50	9.50	21.12	25.00	11.62	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	12.38	10.25	10.00	10.00	14.75	19.00	4.75	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	11.43	10.00	9.50	9.50	10.00	25.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	50%	19.00	190.00	15.58	12.25	9.50	9.50	25.00	25.00	15.50	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	11.00	10.00	9.50	9.50	10.25	19.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	13%	19.00	190.00	11.25	9.75	9.50	9.50	10.00	25.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-270. Summary statistics for PCB-099 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	520.00	370.00	320.00	332.50	745.00	870.00	412.50	
CBX	3	33%	9.70	200.00	33.00	35.00	14.00	19.25	46.25	50.00	27.00	E
RB111	3	67%	19.00	190.00	27.17	27.00	9.50	13.88	40.50	45.00	26.62	
RB202	3	33%	9.90	200.00	22.65	13.00	4.95	6.96	40.75	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	276.50	185.00	14.00	35.00	370.00	870.00	335.00	
All Snohomish RB Locations	6	50%	9.90	200.00	24.91	20.00	4.95	9.50	45.00	50.00	35.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	35%	9.60	240.00	106.61	40.00	4.80	10.00	72.50	870.00	62.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	63.00	53.00	40.00	43.25	85.25	96.00	42.00	
CBB	3	100%	21.00	99.00	27.33	21.00	18.00	18.75	37.50	43.00	18.75	
RB53	3	67%	21.00	200.00	52.00	33.00	23.00	25.50	83.25	100.00	57.75	
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	100%	21.00	21.00		20.00						
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	33%	21.00	200.00	40.10	10.50	9.80	9.98	77.62	100.00	67.65	E
FB372	3	33%	21.00	220.00	44.83	14.00	10.50	11.38	86.00	110.00	74.62	E
All Puyallup CB Locations	6	100%	21.00	200.00	45.17	41.50	18.00	21.00	53.00	96.00	32.00	
All Puyallup RB Locations	6	33%	21.00	200.00	51.58	40.50	10.50	23.00	95.00	100.00	72.00	E
All Puyallup AG Locations	2	50%	21.00	21.00	15.25	15.25	10.50			20.00		E
All Puyallup FB Locations	6	33%	21.00	220.00	42.47	12.25	9.80	10.50	100.00	110.00	89.50	E
All Puyallup Locations	20	55%	21.00	220.00	43.29	28.00	9.80	12.25	74.00	110.00	61.75	
All Monitoring Locations Combined												
All CB Locations	12	83%	9.70	240.00	160.83	46.50	14.00	28.00	208.00	870.00	180.00	
All RB Locations	12	42%	9.90	200.00	38.25	30.00	4.95	11.75	49.00	100.00	37.25	E
All AG Locations	4	25%	19.00	21.00	12.62	10.50	9.50	10.00	15.25	20.00	5.25	E
All FB Locations	12	17%	9.60	220.00	46.54	31.75	4.80	10.15	97.50	110.00	87.35	E
All Locations	40	45%	9.60	240.00	74.95	34.00	4.80	10.50	74.00	870.00	63.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-271. Summary statistics for PCB-100 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-271. Summary statistics for PCB-100 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-272. Summary statistics for PCB-103 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-272. Summary statistics for PCB-103 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	59.50	48.50	10.00	19.62	102.12	120.00	82.50	E
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	55.56	49.25	4.85	10.00	100.00	120.00	90.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	48.57	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	50.57	49.00	4.85	10.50	77.50	120.00	67.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	47.64	48.25	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-273. Summary statistics for PCB-104 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-273. Summary statistics for PCB-104 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-274. Summary statistics for PCB-105-127 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	19.00	34.40	34.40	9.80			59.00		
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	67%	19.00	19.00	26.10	9.80	9.50	9.57	46.70	59.00	37.12	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	13%	19.00	21.00	12.99	9.50	9.50	9.50	10.00	59.00	0.50	E
Puyallup Watershed												
CBA	2	50%	19.00	19.00	14.25	14.25	9.50			19.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	19.00	20.00	14.00	14.00	10.00			18.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	19.00	12.67	9.50	9.50	9.50	16.62	19.00	7.12	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	19.00	21.00	12.12	10.25	10.00	10.00	14.25	18.00	4.25	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	21.00	10.97	10.00	9.50	9.50	10.00	19.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	50%	19.00	19.00	19.38	9.65	9.50	9.50	19.00	59.00	9.50	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	21.00	10.88	10.00	9.50	9.50	10.25	18.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	13%	19.00	21.00	11.98	9.65	9.50	9.50	10.00	59.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-274. Summary statistics for PCB-105-127 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	9.70	24.00	476.67	310.00	290.00	295.00	700.00	830.00	405.00	
CBX	3	67%	9.70	20.00	16.67	13.00	5.00	7.00	27.25	32.00	20.25	
RB111	3	0%	11.00	19.00						< 19.00		U
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	83%	9.70	24.00	246.67	161.00	5.00	13.00	310.00	830.00	297.00	
All Snohomish RB Locations	6	0%	9.90	20.00						< 20.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	25%	9.60	24.00	79.18	9.50	4.80	4.97	11.75	830.00	6.78	E
Puyallup Watershed												
CBA	3	100%	11.00	21.00	41.00	30.00	24.00	25.50	59.25	69.00	33.75	
CBB	3	33%	9.60	21.00	19.82	10.50	4.95	6.34	35.62	44.00	29.29	E
RB53	3	33%	9.60	21.00	12.50	10.50	10.00	10.12	15.38	17.00	5.25	E
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	67%	9.60	21.00	30.41	27.00	4.95	10.50	44.00	69.00	33.50	
All Puyallup RB Locations	6	17%	9.60	21.00	10.38	10.25	4.80	9.50	10.50	17.00	1.00	E
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	25%	9.50	22.00	15.87	10.50	4.75	9.75	14.00	69.00	4.25	E
All Monitoring Locations Combined												
All CB Locations	12	75%	9.60	24.00	138.54	31.00	4.95	11.75	179.50	830.00	167.75	
All RB Locations	12	8%	9.60	21.00	8.90	9.50	4.80	5.25	10.25	17.00	5.00	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	25%	9.50	24.00	47.52	10.00	4.75	5.00	12.00	830.00	7.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-275. Summary statistics for PCB-107-PCB-108 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-275. Summary statistics for PCB-107-PCB-108 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	93.33	75.00	55.00	60.00	131.25	150.00	71.25	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	72.47	65.00	4.85	50.00	100.00	150.00	50.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	53.65	50.00	4.80	9.50	95.00	150.00	85.50	E
Puyallup Watershed												
CBA	3	33%	21.00	200.00	42.83	18.00	10.50	12.38	79.50	100.00	67.12	E
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	39.42	33.00	10.50	10.50	49.50	100.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	44.85	47.75	10.50	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	33%	9.70	240.00	55.95	49.75	4.85	14.25	87.50	150.00	73.25	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	10%	9.60	240.00	49.25	48.50	4.80	10.50	95.00	150.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-276. Summary statistics for PCB-110 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	88.00	88.00	66.00			110.00		
CBX	1	100%	190.00	190.00		16.00						
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	50%	19.00	190.00	12.25	12.25	9.50			15.00		E
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	50%	19.00	190.00	12.25	12.25	9.50			15.00		E
All Snohomish CB Locations	3	100%	19.00	190.00	64.00	66.00	16.00	28.50	99.00	110.00	70.50	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	25%	19.00	190.00	11.00	9.75	9.50	9.50	12.50	15.00	3.00	E
All Snohomish FB Locations	4	25%	19.00	190.00	10.88	9.50	9.50	9.50	12.25	15.00	2.75	E
All Snomomish Locations	15	33%	19.00	190.00	21.30	10.00	9.50	9.50	15.00	110.00	5.50	E
Puyallup Watershed												
CBA	2	100%	19.00	190.00	65.50	65.50	39.00			92.00		
CBB	1	100%	190.00	190.00		26.00						
RB53	2	50%	19.00	200.00	16.75	16.75	9.50			24.00		E
RB209	2	50%	20.00	200.00	14.00	14.00	10.00			18.00		E
AG143	2	100%	20.00	190.00	53.50	53.50	41.00			66.00		
AG62	2	50%	21.00	200.00	15.75	15.75	10.50			21.00		E
FB130	2	50%	20.00	190.00	13.50	13.50	10.00			17.00		E
FB372	2	50%	19.00	190.00	12.25	12.25	9.50			15.00		E
All Puyallup CB Locations	3	100%	19.00	190.00	52.33	39.00	26.00	29.25	78.75	92.00	49.50	
All Puyallup RB Locations	4	50%	19.00	200.00	15.38	14.00	9.50	9.75	21.00	24.00	11.25	E
All Puyallup AG Locations	4	75%	20.00	200.00	34.62	31.00	10.50	15.75	53.50	66.00	37.75	
All Puyallup FB Locations	4	50%	19.00	190.00	12.88	12.50	9.50	9.75	16.00	17.00	6.25	E
All Puyallup Locations	15	67%	19.00	200.00	27.23	18.00	9.50	10.12	35.75	92.00	25.62	
All Monitoring Locations Combined												
All CB Locations	6	100%	19.00	190.00	58.17	52.50	16.00	26.00	92.00	110.00	66.00	
All RB Locations	8	25%	19.00	200.00	12.69	10.00	9.50	9.75	14.25	24.00	4.50	E
All AG Locations	8	50%	19.00	200.00	22.81	12.75	9.50	9.75	31.00	66.00	21.25	E
All FB Locations	8	38%	19.00	190.00	11.88	9.75	9.50	9.50	15.00	17.00	5.50	E
All Locations	30	50%	19.00	200.00	24.27	12.75	9.50	9.50	24.00	110.00	14.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-276. Summary statistics for PCB-110 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	1833.33	1500.00	1200.00	1275.00	2475.00	2800.00	1200.00	
CBX	3	33%	9.70	200.00	60.33	60.00	50.00	52.50	68.25	71.00	15.75	E
RB111	3	67%	19.00	190.00	52.17	47.00	9.50	18.88	86.75	100.00	67.88	
RB202	3	33%	9.90	200.00	26.65	25.00	4.95	9.96	43.75	50.00	33.79	E
AG174	1	0%	21.00	23.00						< 23.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	21.78	11.00	4.85	6.39	39.87	49.50	33.49	E
FB203	3	33%	9.60	190.00	22.10	12.00	4.80	6.60	40.12	49.50	33.52	E
All Snohomish CB Locations	6	67%	9.70	240.00	946.83	635.50	50.00	60.00	1500.00	2800.00	1440.00	
All Snohomish RB Locations	6	50%	9.90	200.00	39.41	36.00	4.95	9.50	50.00	100.00	40.50	E
All Snohomish AG Locations	2	0%	19.00	23.00						< 23.00		U
All Snohomish FB Locations	6	33%	9.60	200.00	21.94	11.50	4.80	4.85	49.50	49.50	44.65	E
All Snomomish Locations	20	45%	9.60	240.00	303.51	48.25	4.80	10.25	65.50	2800.00	55.25	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	233.33	170.00	130.00	140.00	342.50	400.00	202.50	
CBB	3	100%	21.00	99.00	89.33	59.00	59.00	59.00	127.25	150.00	68.25	
RB53	3	67%	21.00	200.00	66.67	51.00	49.00	49.50	87.75	100.00	38.25	
RB209	3	67%	21.00	190.00	44.67	25.00	14.00	16.75	77.50	95.00	60.75	
AG143	1	100%	21.00	21.00		49.00						
AG62	1	100%	21.00	21.00		32.00						
FB130	3	67%	21.00	200.00	51.00	33.00	20.00	23.25	83.25	100.00	60.00	
FB372	3	67%	21.00	220.00	56.67	33.00	27.00	28.50	90.75	110.00	62.25	
All Puyallup CB Locations	6	100%	21.00	200.00	161.33	140.00	59.00	59.00	170.00	400.00	111.00	
All Puyallup RB Locations	6	67%	21.00	200.00	55.67	50.00	14.00	25.00	95.00	100.00	70.00	
All Puyallup AG Locations	2	100%	21.00	21.00	40.50	40.50	32.00			49.00		
All Puyallup FB Locations	6	67%	21.00	220.00	53.83	33.00	20.00	27.00	100.00	110.00	73.00	
All Puyallup Locations	20	80%	21.00	220.00	85.30	55.00	14.00	32.50	105.00	400.00	72.50	
All Monitoring Locations Combined												
All CB Locations	12	83%	9.70	240.00	554.08	140.00	50.00	59.50	800.00	2800.00	740.50	
All RB Locations	12	58%	9.90	200.00	47.54	48.00	4.95	19.50	73.00	100.00	53.50	
All AG Locations	4	50%	19.00	23.00	25.50	21.75	9.50	10.50	40.50	49.00	30.00	E
All FB Locations	12	50%	9.60	220.00	37.89	30.00	4.80	11.50	49.50	110.00	38.00	E
All Locations	40	63%	9.60	240.00	194.40	49.50	4.80	22.50	100.00	2800.00	77.50	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-277. Summary statistics for PCB-112 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-277. Summary statistics for PCB-112 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-278. Summary statistics for PCB-113 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-278. Summary statistics for PCB-113 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-279. Summary statistics for PCB-114 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-279. Summary statistics for PCB-114 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	9.70	24.00	13.95	12.00	4.85	6.64	21.75	25.00	15.11	E
CBX	3	0%	9.70	20.00						< 20.00		U
RB111	3	0%	11.00	19.00						< 19.00		U
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	17%	9.70	24.00	10.28	7.50	4.85	4.85	12.00	25.00	7.15	E
All Snohomish RB Locations	6	0%	9.90	20.00						< 20.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	5%	9.60	24.00	8.26	7.50	4.80	4.95	10.00	25.00	5.05	E
Puyallup Watershed												
CBA	3	0%	11.00	21.00						< 21.00		U
CBB	3	0%	9.60	21.00						< 21.00		U
RB53	3	0%	9.60	21.00						< 21.00		U
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup RB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	0%	9.50	22.00						< 22.00		U
All Monitoring Locations Combined												
All CB Locations	12	8%	9.60	24.00	9.00	7.75	4.80	4.90	10.50	25.00	5.60	E
All RB Locations	12	0%	9.60	21.00						< 21.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	3%	9.50	24.00	8.36	9.50	4.75	4.95	10.50	25.00	5.55	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-280. Summary statistics for PCB-115-116 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	0											
CBX	0											
RB111	0											
RB202	0											
AG174	0											
AGG	0											
FB200	0											
FB203	0											
All Snohomish CB Locations	0											
All Snohomish RB Locations	0											
All Snohomish AG Locations	0											
All Snohomish FB Locations	0											
All Snomomish Locations	0											
Puyallup Watershed												
CBA	0											
CBB	0											
RB53	0											
RB209	0											
AG143	0											
AG62	0											
FB130	0											
FB372	0											
All Puyallup CB Locations	0											
All Puyallup RB Locations	0											
All Puyallup AG Locations	0											
All Puyallup FB Locations	0											
All Puyallup Locations	0											
All Monitoring Locations Combined												
All CB Locations	0											
All RB Locations	0											
All AG Locations	0											
All FB Locations	0											
All Locations	0											

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-280. Summary statistics for PCB-115-116 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	1	0%	97.0	97.0						< 97.0		U
CBX	1	0%	100.0	100.0						< 100.0		U
RB111	1	0%	110.0	110.0						< 110.0		U
RB202	1	0%	100.0	100.0						< 100.0		U
AG174	0											
AGG	0											
FB200	1	0%	99.0	99.0						< 99.0		U
FB203	1	0%	99.0	99.0						< 99.0		U
All Snohomish CB Locations	2	0%	97.0	100.0						< 100.0		U
All Snohomish RB Locations	2	0%	100.0	110.0						< 110.0		U
All Snohomish AG Locations	0											
All Snohomish FB Locations	2	0%	99.0	99.0						< 99.0		U
All Snomomish Locations	6	0%	97.0	110.0						< 110.0		U
Puyallup Watershed												
CBA	1	0%	110.0	110.0						< 110.0		U
CBB	1	0%	99.0	99.0						< 99.0		U
RB53	1	0%	96.0	96.0						< 96.0		U
RB209	1	0%	96.0	96.0						< 96.0		U
AG143	0											
AG62	0											
FB130	1	0%	98.0	98.0						< 98.0		U
FB372	1	0%	95.0	95.0						< 95.0		U
All Puyallup CB Locations	2	0%	99.0	110.0						< 110.0		U
All Puyallup RB Locations	2	0%	96.0	96.0						< 96.0		U
All Puyallup AG Locations	0											
All Puyallup FB Locations	2	0%	95.0	98.0						< 98.0		U
All Puyallup Locations	6	0%	95.0	110.0						< 110.0		U
All Monitoring Locations Combined												
All CB Locations	4	0%	97.0	110.0						< 110.0		U
All RB Locations	4	0%	96.0	110.0						< 110.0		U
All AG Locations	0											
All FB Locations	4	0%	95.0	99.0						< 99.0		U
All Locations	12	0%	95.0	110.0						< 110.0		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-281. Summary statistics for PCB-118-106 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	19.00	66.50	66.50	23.00			110.00		
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	67%	19.00	19.00	47.50	23.00	9.50	12.88	88.25	110.00	75.37	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	13%	19.00	21.00	17.27	9.50	9.50	9.50	10.00	110.00	0.50	E
Puyallup Watershed												
CBA	2	100%	19.00	19.00	34.00	34.00	20.00			48.00		
CBB	1	100%	19.00	19.00		15.00						
RB53	2	50%	19.00	20.00	11.75	11.75	9.50			14.00		E
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	100%	19.00	20.00	34.00	34.00	24.00			44.00		
AG62	2	50%	20.00	21.00	10.25	10.25	10.00			10.50		E
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	100%	19.00	19.00	27.67	20.00	15.00	16.25	41.00	48.00	24.75	
All Puyallup RB Locations	4	25%	19.00	20.00	10.88	10.00	9.50	9.75	12.00	14.00	2.25	E
All Puyallup AG Locations	4	75%	19.00	21.00	22.12	17.25	10.00	10.25	34.00	44.00	23.75	
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	47%	19.00	21.00	16.90	10.00	9.50	9.62	18.75	48.00	9.12	E
All Monitoring Locations Combined												
All CB Locations	6	83%	19.00	19.00	37.58	21.50	9.50	15.00	48.00	110.00	33.00	
All RB Locations	8	13%	19.00	21.00	10.44	10.00	9.50	9.75	10.25	14.00	0.50	E
All AG Locations	8	38%	19.00	21.00	15.88	10.00	9.50	9.50	17.25	44.00	7.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	30%	19.00	21.00	17.08	10.00	9.50	9.50	14.00	110.00	4.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-281. Summary statistics for PCB-118-106 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	9.70	24.00	1120.00	700.00	660.00	670.00	1675.00	2000.00	1005.00	
CBX	3	100%	9.70	20.00	42.00	32.00	23.00	25.25	61.25	71.00	36.00	
RB111	3	67%	11.00	19.00	17.50	17.00	9.50	11.38	23.75	26.00	12.38	
RB202	3	67%	9.90	20.00	11.32	11.00	4.95	6.46	16.25	18.00	9.79	
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	100%	9.70	24.00	581.00	365.50	23.00	32.00	700.00	2000.00	668.00	
All Snohomish RB Locations	6	67%	9.90	20.00	14.41	14.00	4.95	9.50	18.00	26.00	8.50	
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	50%	9.60	24.00	181.57	10.75	4.80	7.22	29.00	2000.00	21.77	E
Puyallup Watershed												
CBA	3	100%	11.00	21.00	102.33	79.00	68.00	70.75	139.75	160.00	69.00	
CBB	3	100%	9.60	21.00	58.00	46.00	18.00	25.00	94.00	110.00	69.00	
RB53	3	100%	9.60	21.00	34.67	45.00	13.00	21.00	45.75	46.00	24.75	
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	100%	21.00	21.00		30.00						
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	100%	9.60	21.00	80.17	73.50	18.00	46.00	110.00	160.00	64.00	
All Puyallup RB Locations	6	50%	9.60	21.00	21.47	11.75	4.80	9.50	45.00	46.00	35.50	E
All Puyallup AG Locations	2	50%	21.00	21.00	20.25	20.25	10.50			30.00		E
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	50%	9.50	22.00	35.10	12.00	4.75	10.25	46.00	160.00	35.75	E
All Monitoring Locations Combined												
All CB Locations	12	100%	9.60	24.00	330.58	75.00	18.00	39.00	410.00	2000.00	371.00	
All RB Locations	12	58%	9.60	21.00	17.94	12.00	4.80	9.50	22.00	46.00	12.50	
All AG Locations	4	25%	19.00	21.00	15.12	10.50	9.50	10.00	20.25	30.00	10.25	E
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	50%	9.50	24.00	108.34	11.00	4.75	9.50	45.50	2000.00	36.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-282. Summary statistics for PCB-119 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-282. Summary statistics for PCB-119 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	67%	10.00	240.00	30.83	31.00	13.00	17.50	44.12	48.50	26.62	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	33%	9.70	240.00	41.23	39.75	4.85	13.00	50.00	100.00	37.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	10%	9.60	240.00	44.27	49.00	4.80	9.50	75.00	100.00	65.50	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	17%	9.70	240.00	43.40	48.25	4.85	11.75	52.50	100.00	40.75	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	5%	9.60	240.00	45.49	48.00	4.80	10.50	75.00	110.00	64.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-283. Summary statistics for PCB-122 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-283. Summary statistics for PCB-122 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-284. Summary statistics for PCB-123 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-284. Summary statistics for PCB-123 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	24.00	21.17	12.00	8.50	9.38	35.25	43.00	25.88	E
CBX	3	0%	9.70	20.00						< 20.00		U
RB111	3	0%	11.00	19.00						< 19.00		U
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	17%	9.70	24.00	13.89	9.25	4.85	5.00	12.00	43.00	7.00	E
All Snohomish RB Locations	6	0%	9.90	20.00						< 20.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	5%	9.60	24.00	9.34	9.00	4.80	4.95	10.00	43.00	5.05	E
Puyallup Watershed												
CBA	3	0%	11.00	21.00						< 21.00		U
CBB	3	0%	9.60	21.00						< 21.00		U
RB53	3	0%	9.60	21.00						< 21.00		U
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup RB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	0%	9.50	22.00						< 22.00		U
All Monitoring Locations Combined												
All CB Locations	12	8%	9.60	24.00	10.80	9.25	4.80	4.97	10.50	43.00	5.53	E
All RB Locations	12	0%	9.60	21.00						< 21.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	3%	9.50	24.00	8.90	9.50	4.75	4.95	10.50	43.00	5.55	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-285. Summary statistics for PCB-124 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-285. Summary statistics for PCB-124 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	68.00	50.00	44.00	45.50	95.00	110.00	49.50	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	59.81	50.00	4.85	44.00	100.00	110.00	56.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	49.85	49.75	4.80	9.50	95.00	110.00	85.50	E
Puyallup Watershed												
CBA	3	33%	21.00	200.00	41.17	13.00	10.50	11.12	78.25	100.00	67.12	E
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	38.58	30.50	10.50	10.50	49.50	100.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	44.60	47.75	10.50	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	33%	9.70	240.00	49.20	48.75	4.85	11.75	75.00	110.00	63.25	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	10%	9.60	240.00	47.22	48.00	4.80	10.50	95.00	110.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-286. Summary statistics for PCB-126 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-286. Summary statistics for PCB-126 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	9.70	24.00	18.67	13.00	12.00	12.25	26.50	31.00	14.25	
CBX	3	0%	9.70	20.00						< 20.00		U
RB111	3	0%	11.00	19.00						< 19.00		U
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	50%	9.70	24.00	12.64	11.00	4.85	5.00	13.00	31.00	8.00	E
All Snohomish RB Locations	6	0%	9.90	20.00						< 20.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	15%	9.60	24.00	8.97	9.50	4.80	4.95	10.00	31.00	5.05	E
Puyallup Watershed												
CBA	3	0%	11.00	21.00						< 21.00		U
CBB	3	0%	9.60	21.00						< 21.00		U
RB53	3	0%	9.60	21.00						< 21.00		U
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup RB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	0%	9.50	22.00						< 22.00		U
All Monitoring Locations Combined												
All CB Locations	12	25%	9.60	24.00	10.18	10.00	4.80	4.97	11.25	31.00	6.28	E
All RB Locations	12	0%	9.60	21.00						< 21.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	8%	9.50	24.00	8.71	9.50	4.75	4.95	10.50	31.00	5.55	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-287. Summary statistics for PCB-128 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	29.00	29.00	10.00			48.00		
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	67%	19.00	190.00	22.50	10.00	9.50	9.62	38.50	48.00	28.88	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	13%	19.00	190.00	12.27	9.50	9.50	9.50	10.00	48.00	0.50	E
Puyallup Watershed												
CBA	2	50%	19.00	190.00	10.25	10.25	9.50			11.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	10.50	10.50	10.00			11.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	10.00	9.50	9.50	9.50	10.62	11.00	1.12	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	10.38	10.25	10.00	10.00	10.75	11.00	0.75	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	9.97	10.00	9.50	9.50	10.00	11.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	50%	19.00	190.00	16.25	9.75	9.50	9.50	11.00	48.00	1.50	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	10.00	10.00	9.50	9.50	10.25	11.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	13%	19.00	190.00	11.12	9.75	9.50	9.50	10.00	48.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-287. Summary statistics for PCB-128 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	276.67	210.00	200.00	202.50	367.50	420.00	165.00	
CBX	3	33%	9.70	200.00	57.00	50.00	21.00	28.25	87.50	100.00	59.25	E
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	166.83	150.00	21.00	50.00	210.00	420.00	160.00	
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	20%	9.60	240.00	81.96	50.00	4.80	10.00	100.00	420.00	90.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	32.50	25.00	10.50	14.12	52.75	62.00	38.62	
CBB	3	33%	21.00	99.00	27.33	22.00	10.50	13.38	42.62	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	29.92	23.50	10.50	10.50	49.50	62.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	15%	21.00	220.00	42.00	36.25	10.50	10.50	55.75	110.00	45.25	E
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	98.38	49.75	10.50	21.50	150.00	420.00	128.50	
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	17%	9.60	240.00	61.98	48.50	4.80	10.50	95.00	420.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-288. Summary statistics for PCB-129 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-288. Summary statistics for PCB-129 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	103.67	83.00	68.00	71.75	140.75	160.00	69.00	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	77.64	75.50	4.85	50.00	100.00	160.00	50.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	55.20	50.00	4.80	9.50	95.00	160.00	85.50	E
Puyallup Watershed												
CBA	3	33%	21.00	200.00	45.17	25.00	10.50	14.12	81.25	100.00	67.12	E
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	40.58	36.50	10.50	10.50	49.50	100.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	45.20	47.75	10.50	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	33%	9.70	240.00	59.11	49.75	4.85	17.75	91.50	160.00	73.75	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	10%	9.60	240.00	50.20	48.50	4.80	10.50	95.00	160.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-289. Summary statistics for PCB-130 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-289. Summary statistics for PCB-130 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	118.33	95.00	80.00	83.75	158.75	180.00	75.00	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	84.97	87.50	4.85	50.00	100.00	180.00	50.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	57.40	50.00	4.80	9.50	95.00	180.00	85.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	19.50	15.00	10.50	11.62	28.50	33.00	16.88	
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	33%	21.00	200.00	27.75	24.00	10.50	10.50	48.00	49.50	37.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	10%	21.00	220.00	41.35	40.25	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	42%	9.70	240.00	56.36	48.75	4.85	12.75	87.50	180.00	74.75	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	13%	9.60	240.00	49.37	48.00	4.80	10.50	95.00	180.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-290. Summary statistics for PCB-131-142-165 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-290. Summary statistics for PCB-131-142-165 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	47.00	16.00	5.00	7.75	94.00	120.00	86.25	E
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	49.31	33.00	4.85	5.00	100.00	120.00	95.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	46.70	49.50	4.80	7.25	95.00	120.00	87.75	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	47.45	48.75	4.85	10.50	77.50	120.00	67.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	46.70	48.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-291. Summary statistics for PCB-132-168 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	32.00	32.00	16.00			48.00		
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	67%	19.00	190.00	24.50	16.00	9.50	11.12	40.00	48.00	28.88	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	13%	19.00	190.00	12.67	9.50	9.50	9.50	10.00	48.00	0.50	E
Puyallup Watershed												
CBA	2	50%	19.00	190.00	23.25	23.25	9.50			37.00		E
CBB	1	100%	190.00	190.00		10.00						
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	20.00	20.00	10.00			30.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	67%	19.00	190.00	18.83	10.00	9.50	9.62	30.25	37.00	20.62	
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	15.12	10.25	10.00	10.00	20.25	30.00	10.25	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	20%	19.00	190.00	13.00	10.00	9.50	9.50	10.00	37.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	67%	19.00	190.00	21.67	13.00	9.50	9.50	37.00	48.00	27.50	
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	12.38	10.00	9.50	9.50	10.25	30.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	17%	19.00	190.00	12.83	10.00	9.50	9.50	10.00	48.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-291. Summary statistics for PCB-132-168 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	460.00	350.00	310.00	320.00	627.50	720.00	307.50	
CBX	3	100%	9.70	200.00	21.67	16.00	11.00	12.25	32.50	38.00	20.25	
RB111	3	33%	19.00	190.00	42.17	22.00	9.50	12.62	76.75	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	100%	9.70	240.00	240.83	174.00	11.00	16.00	350.00	720.00	334.00	
All Snohomish RB Locations	6	17%	9.90	200.00	46.91	36.00	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	35%	9.60	240.00	102.51	43.75	4.80	10.00	97.50	720.00	87.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	74.33	57.00	36.00	41.25	111.75	130.00	70.50	
CBB	3	67%	21.00	99.00	25.17	20.00	10.50	12.88	38.75	45.00	25.88	
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	83%	21.00	200.00	49.75	40.50	10.50	20.00	57.00	130.00	37.00	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	25%	21.00	220.00	47.95	46.25	10.50	10.50	76.00	130.00	65.50	E
All Monitoring Locations Combined												
All CB Locations	12	92%	9.70	240.00	145.29	41.50	10.50	18.00	220.00	720.00	202.00	
All RB Locations	12	8%	9.90	200.00	49.45	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	30%	9.60	240.00	75.23	46.25	4.80	10.50	95.00	720.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-292. Summary statistics for PCB-133 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-292. Summary statistics for PCB-133 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	67%	10.00	240.00	50.00	16.00	14.00	14.50	94.00	120.00	79.50	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	33%	9.70	240.00	50.81	33.00	4.85	14.00	100.00	120.00	86.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	10%	9.60	240.00	47.15	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	17%	9.70	240.00	48.20	48.75	4.85	12.25	77.50	120.00	65.25	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	5%	9.60	240.00	46.92	48.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-293. Summary statistics for PCB-134 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-293. Summary statistics for PCB-134 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	86.67	73.00	47.00	53.50	123.25	140.00	69.75	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	69.14	61.50	4.85	47.00	100.00	140.00	53.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	52.65	49.75	4.80	9.50	95.00	140.00	85.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	16.83	10.50	10.00	10.12	25.12	30.00	15.00	
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	33%	21.00	200.00	26.42	20.25	10.00	10.50	48.00	49.50	37.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	10%	21.00	220.00	40.95	38.75	10.00	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	42%	9.70	240.00	47.78	47.50	4.85	10.50	61.50	140.00	51.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	13%	9.60	240.00	46.80	48.00	4.80	10.50	84.00	140.00	73.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-294. Summary statistics for PCB-135-144 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	16.75	16.75	9.50			24.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	14.00	14.00	10.00			18.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	14.33	9.50	9.50	9.50	20.38	24.00	10.88	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	12.12	10.25	10.00	10.00	14.25	18.00	4.25	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	11.30	10.00	9.50	9.50	10.00	24.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	11.92	9.50	9.50	9.50	9.50	24.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	10.88	10.00	9.50	9.50	10.25	18.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	7%	19.00	190.00	10.48	9.50	9.50	9.50	10.00	24.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-294. Summary statistics for PCB-135-144 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	190.00	150.00	130.00	135.00	255.00	290.00	120.00	
CBX	3	33%	9.70	200.00	55.33	50.00	16.00	24.50	87.50	100.00	63.00	E
RB111	3	33%	19.00	190.00	40.17	16.00	9.50	11.12	75.25	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	122.67	115.00	16.00	50.00	150.00	290.00	100.00	
All Snohomish RB Locations	6	17%	9.90	200.00	45.91	33.00	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	25%	9.60	240.00	66.75	49.75	4.80	10.00	100.00	290.00	90.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	42.67	33.00	24.00	26.25	61.50	71.00	35.25	
CBB	3	67%	21.00	99.00	15.17	12.00	10.50	10.88	20.25	23.00	9.38	
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	83%	21.00	200.00	28.92	23.50	10.50	12.00	33.00	71.00	21.00	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	25%	21.00	220.00	41.70	28.50	10.50	10.50	60.00	110.00	49.50	E
All Monitoring Locations Combined												
All CB Locations	12	75%	9.70	240.00	75.79	41.50	10.50	19.50	115.00	290.00	95.50	
All RB Locations	12	8%	9.90	200.00	48.95	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	25%	9.60	240.00	54.23	47.75	4.80	10.50	95.00	290.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-295. Summary statistics for PCB-136 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	12.25	12.25	9.50			15.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	10.50	10.50	10.00			11.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	11.33	9.50	9.50	9.50	13.62	15.00	4.12	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	10.38	10.25	10.00	10.00	10.75	11.00	0.75	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	10.23	10.00	9.50	9.50	10.00	15.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	10.42	9.50	9.50	9.50	9.50	15.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	10.00	10.00	9.50	9.50	10.25	11.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	7%	19.00	190.00	9.95	9.50	9.50	9.50	10.00	15.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-295. Summary statistics for PCB-136 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	126.67	92.00	88.00	89.00	173.00	200.00	84.00	
CBX	3	33%	9.70	200.00	54.00	50.00	12.00	21.50	87.50	100.00	66.00	E
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	90.33	90.00	12.00	50.00	100.00	200.00	50.00	
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	20%	9.60	240.00	59.00	50.00	4.80	10.00	95.00	200.00	85.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	27.33	20.00	19.00	19.25	37.25	43.00	18.00	
CBB	3	33%	21.00	99.00	25.67	17.00	10.50	12.12	41.38	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	67%	21.00	200.00	26.50	19.50	10.50	17.00	43.00	49.50	26.00	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	20%	21.00	220.00	40.97	31.50	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	67%	9.70	240.00	58.42	46.25	10.50	18.00	90.00	200.00	72.00	
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	20%	9.60	240.00	49.99	48.00	4.80	10.50	93.50	200.00	83.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-296. Summary statistics for PCB-137 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-296. Summary statistics for PCB-137 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	67%	10.00	240.00	100.67	110.00	72.00	81.50	117.50	120.00	36.00	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	53.17	49.50	10.00	19.88	87.38	100.00	67.50	E
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	33%	9.70	240.00	76.14	86.00	4.85	50.00	110.00	120.00	60.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	17%	9.60	200.00	51.47	49.50	4.80	10.00	95.00	100.00	85.00	E
All Snomomish Locations	20	15%	9.60	240.00	55.00	50.00	4.80	9.75	97.50	120.00	87.75	E
Puyallup Watershed												
CBA	3	33%	21.00	200.00	43.83	21.00	10.50	13.12	80.25	100.00	67.12	E
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	39.92	34.50	10.50	10.50	49.50	100.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	45.00	47.75	10.50	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	25%	9.70	240.00	58.03	49.75	4.85	15.75	100.00	120.00	84.25	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	8%	9.60	220.00	53.02	49.25	4.80	10.50	97.50	110.00	87.00	E
All Locations	40	10%	9.60	240.00	50.00	48.50	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-297. Summary statistics for PCB-138-163-164 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	151.50	151.50	33.00			270.00		
CBX	1	100%	190.00	190.00		10.00						
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	50%	19.00	190.00	12.75	12.75	9.50			16.00		E
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	50%	19.00	190.00	10.25	10.25	9.50			11.00		E
All Snohomish CB Locations	3	100%	19.00	190.00	104.33	33.00	10.00	15.75	210.75	270.00	195.00	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	25%	19.00	190.00	11.25	9.75	9.50	9.50	13.00	16.00	3.50	E
All Snohomish FB Locations	4	25%	19.00	190.00	9.88	9.50	9.50	9.50	10.25	11.00	0.75	E
All Snomomish Locations	15	33%	19.00	190.00	29.17	10.00	9.50	9.50	10.88	270.00	1.38	E
Puyallup Watershed												
CBA	2	100%	19.00	190.00	77.00	77.00	54.00			100.00		
CBB	1	100%	190.00	190.00		20.00						
RB53	2	50%	19.00	200.00	12.75	12.75	9.50			16.00		E
RB209	2	50%	20.00	200.00	11.50	11.50	10.00			13.00		E
AG143	2	100%	20.00	190.00	65.00	65.00	48.00			82.00		
AG62	2	50%	21.00	200.00	12.75	12.75	10.50			15.00		E
FB130	2	50%	20.00	190.00	11.50	11.50	10.00			13.00		E
FB372	2	50%	19.00	190.00	11.75	11.75	9.50			14.00		E
All Puyallup CB Locations	3	100%	19.00	190.00	58.00	54.00	20.00	28.50	88.50	100.00	60.00	
All Puyallup RB Locations	4	50%	19.00	200.00	12.12	11.50	9.50	9.75	14.50	16.00	4.75	E
All Puyallup AG Locations	4	75%	20.00	200.00	38.88	31.50	10.50	12.75	65.00	82.00	52.25	
All Puyallup FB Locations	4	50%	19.00	190.00	11.62	11.50	9.50	9.75	13.50	14.00	3.75	E
All Puyallup Locations	15	67%	19.00	200.00	28.30	14.00	9.50	10.12	41.00	100.00	30.88	
All Monitoring Locations Combined												
All CB Locations	6	100%	19.00	190.00	81.17	43.50	10.00	20.00	100.00	270.00	80.00	
All RB Locations	8	25%	19.00	200.00	11.06	10.00	9.50	9.75	11.75	16.00	2.00	E
All AG Locations	8	50%	19.00	200.00	25.06	12.75	9.50	9.75	32.00	82.00	22.25	E
All FB Locations	8	38%	19.00	190.00	10.75	9.75	9.50	9.50	12.00	14.00	2.50	E
All Locations	30	50%	19.00	200.00	28.73	10.50	9.50	9.50	16.00	270.00	6.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-297. Summary statistics for PCB-138-163-164 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	1433.33	1500.00	800.00	975.00	1875.00	2000.00	900.00	
CBX	3	100%	9.70	200.00	58.33	42.00	33.00	35.25	85.50	100.00	50.25	
RB111	3	67%	19.00	190.00	51.50	15.00	9.50	10.88	101.25	130.00	90.37	
RB202	3	33%	9.90	200.00	47.32	37.00	4.95	12.96	84.25	100.00	71.29	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	100%	9.70	240.00	745.83	450.00	33.00	42.00	1500.00	2000.00	1458.00	
All Snohomish RB Locations	6	50%	9.90	200.00	49.41	26.00	4.95	9.50	100.00	130.00	90.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	45%	9.60	240.00	254.76	45.75	4.80	10.00	100.00	2000.00	90.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	264.00	170.00	72.00	96.50	455.00	550.00	358.50	
CBB	3	67%	21.00	99.00	62.50	49.50	28.00	33.38	94.88	110.00	61.50	
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	83%	21.00	200.00	163.25	91.00	28.00	49.50	170.00	550.00	120.50	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	25%	21.00	220.00	82.00	48.50	10.50	10.50	100.00	550.00	89.50	E
All Monitoring Locations Combined												
All CB Locations	12	92%	9.70	240.00	454.54	105.00	28.00	45.75	675.00	2000.00	629.25	
All RB Locations	12	25%	9.90	200.00	50.70	42.50	4.95	10.50	97.50	130.00	87.00	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	35%	9.60	240.00	168.38	48.50	4.80	10.50	100.00	2000.00	89.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-298. Summary statistics for PCB-139-149 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	52.50	52.50	31.00			74.00		
CBX	1	100%	190.00	190.00		15.00						
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	50%	19.00	190.00	12.25	12.25	9.50			15.00		E
FB200	2	50%	19.00	190.00	10.25	10.25	9.50			11.00		E
FB203	2	50%	19.00	190.00	12.75	12.75	9.50			16.00		E
All Snohomish CB Locations	3	100%	19.00	190.00	40.00	31.00	15.00	19.00	63.25	74.00	44.25	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	25%	19.00	190.00	11.00	9.75	9.50	9.50	12.50	15.00	3.00	E
All Snohomish FB Locations	4	50%	19.00	190.00	11.50	10.25	9.50	9.50	13.50	16.00	4.00	E
All Snomomish Locations	15	40%	19.00	190.00	16.67	10.00	9.50	9.50	15.00	74.00	5.50	E
Puyallup Watershed												
CBA	2	100%	19.00	190.00	72.50	72.50	35.00			110.00		
CBB	1	100%	190.00	190.00		26.00						
RB53	2	50%	19.00	200.00	15.25	15.25	9.50			21.00		E
RB209	2	50%	20.00	200.00	13.50	13.50	10.00			17.00		E
AG143	2	100%	20.00	190.00	65.50	65.50	51.00			80.00		
AG62	2	50%	21.00	200.00	15.75	15.75	10.50			21.00		E
FB130	2	50%	20.00	190.00	14.00	14.00	10.00			18.00		E
FB372	2	50%	19.00	190.00	13.75	13.75	9.50			18.00		E
All Puyallup CB Locations	3	100%	19.00	190.00	57.00	35.00	26.00	28.25	91.25	110.00	63.00	
All Puyallup RB Locations	4	50%	19.00	200.00	14.38	13.50	9.50	9.75	19.00	21.00	9.25	E
All Puyallup AG Locations	4	75%	20.00	200.00	40.62	36.00	10.50	15.75	65.50	80.00	49.75	
All Puyallup FB Locations	4	50%	19.00	190.00	13.88	14.00	9.50	9.75	18.00	18.00	8.25	E
All Puyallup Locations	15	67%	19.00	200.00	29.77	18.00	9.50	10.12	32.75	110.00	22.62	
All Monitoring Locations Combined												
All CB Locations	6	100%	19.00	190.00	48.50	33.00	15.00	26.00	74.00	110.00	48.00	
All RB Locations	8	25%	19.00	200.00	12.19	10.00	9.50	9.75	13.75	21.00	4.00	E
All AG Locations	8	50%	19.00	200.00	25.81	12.75	9.50	9.75	36.00	80.00	26.25	E
All FB Locations	8	50%	19.00	190.00	12.69	10.50	9.50	9.50	17.00	18.00	7.50	E
All Locations	30	53%	19.00	200.00	23.22	13.00	9.50	10.00	21.00	110.00	11.00	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-298. Summary statistics for PCB-139-149 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	920.00	770.00	590.00	635.00	1242.50	1400.00	607.50	
CBX	3	67%	9.70	200.00	60.67	50.00	44.00	45.50	78.50	88.00	33.00	
RB111	3	67%	19.00	190.00	44.17	25.00	9.50	13.38	79.75	98.00	66.37	
RB202	3	33%	9.90	200.00	22.98	14.00	4.95	7.21	41.00	50.00	33.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	83%	9.70	240.00	490.33	339.00	44.00	50.00	770.00	1400.00	720.00	
All Snohomish RB Locations	6	50%	9.90	200.00	33.58	19.50	4.95	9.50	50.00	98.00	40.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	40%	9.60	240.00	173.36	49.50	4.80	10.00	96.50	1400.00	86.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	223.33	160.00	110.00	122.50	340.00	400.00	217.50	
CBB	3	67%	21.00	99.00	64.17	49.50	33.00	37.12	94.88	110.00	57.75	
RB53	3	33%	21.00	200.00	56.67	48.00	22.00	28.50	87.00	100.00	58.50	E
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	100%	21.00	21.00		31.00						
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	83%	21.00	200.00	143.75	110.00	33.00	49.50	160.00	400.00	110.50	
All Puyallup RB Locations	6	17%	21.00	200.00	53.92	48.00	10.50	22.00	95.00	100.00	73.00	E
All Puyallup AG Locations	2	50%	21.00	21.00	20.75	20.75	10.50			31.00		E
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	35%	21.00	220.00	77.75	48.50	10.50	26.50	105.00	400.00	78.50	E
All Monitoring Locations Combined												
All CB Locations	12	83%	9.70	240.00	317.04	110.00	33.00	49.75	495.00	1400.00	445.25	
All RB Locations	12	33%	9.90	200.00	43.75	36.50	4.95	12.25	72.50	100.00	60.25	E
All AG Locations	4	25%	19.00	21.00	15.38	10.50	9.50	10.00	20.75	31.00	10.75	E
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	38%	9.60	240.00	125.55	49.25	4.80	12.25	100.00	1400.00	87.75	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-299. Summary statistics for PCB-140 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-299. Summary statistics for PCB-140 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-300. Summary statistics for PCB-141 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	19.00	19.00	22.75	22.75	9.50			36.00		E
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	33%	19.00	19.00	18.33	9.50	9.50	9.50	29.37	36.00	19.88	E
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	7%	19.00	21.00	11.43	9.50	9.50	9.50	10.00	36.00	0.50	E
Puyallup Watershed												
CBA	2	50%	19.00	190.00	19.75	19.75	9.50			30.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	17.00	17.00	10.00			24.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	16.33	9.50	9.50	9.50	24.87	30.00	15.38	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	13.62	10.25	10.00	10.00	17.25	24.00	7.25	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	12.10	10.00	9.50	9.50	10.00	30.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	33%	19.00	190.00	17.33	9.50	9.50	9.50	30.00	36.00	20.50	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	11.62	10.00	9.50	9.50	10.25	24.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	10%	19.00	190.00	11.77	9.50	9.50	9.50	10.00	36.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-300. Summary statistics for PCB-141 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	256.67	210.00	170.00	180.00	345.00	390.00	165.00	
CBX	3	33%	9.70	200.00	57.67	50.00	23.00	29.75	87.50	100.00	57.75	E
RB111	3	33%	19.00	190.00	43.50	26.00	9.50	13.62	77.75	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	157.17	135.00	23.00	50.00	210.00	390.00	160.00	
All Snohomish RB Locations	6	17%	9.90	200.00	47.58	38.00	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	25%	9.60	240.00	77.60	49.75	4.80	10.00	100.00	390.00	90.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	56.00	42.00	26.00	30.00	85.50	100.00	55.50	
CBB	3	67%	21.00	99.00	16.83	12.00	10.50	10.88	24.00	28.00	13.12	
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	83%	21.00	200.00	36.42	27.00	10.50	12.00	42.00	100.00	30.00	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	25%	21.00	220.00	43.95	35.00	10.50	10.50	72.00	110.00	61.50	E
All Monitoring Locations Combined												
All CB Locations	12	75%	9.70	240.00	96.79	46.00	10.50	24.50	135.00	390.00	110.50	
All RB Locations	12	8%	9.90	200.00	49.79	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	25%	9.60	240.00	60.78	47.75	4.80	10.50	97.50	390.00	87.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-301. Summary statistics for PCB-143 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-301. Summary statistics for PCB-143 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	23.83	18.00	5.00	8.25	40.88	48.50	32.62	E
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	37.73	33.25	4.85	5.00	50.00	100.00	45.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	43.22	49.00	4.80	7.25	75.00	100.00	67.75	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	41.65	48.25	4.85	10.50	52.50	100.00	42.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	44.96	48.00	4.80	10.50	75.00	110.00	64.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-302. Summary statistics for PCB-145 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-302. Summary statistics for PCB-145 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-303. Summary statistics for PCB-146 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	19.00	19.00	15.75	15.75	9.50			22.00		E
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	33%	19.00	19.00	13.67	9.50	9.50	9.50	18.88	22.00	9.38	E
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	7%	19.00	21.00	10.50	9.50	9.50	9.50	10.00	22.00	0.50	E
Puyallup Watershed												
CBA	2	50%	19.00	190.00	13.75	13.75	9.50			18.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	11.00	11.00	10.00			12.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	12.33	9.50	9.50	9.50	15.87	18.00	6.38	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	10.62	10.25	10.00	10.00	11.25	12.00	1.25	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	10.50	10.00	9.50	9.50	10.00	18.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	33%	19.00	190.00	13.00	9.50	9.50	9.50	18.00	22.00	8.50	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	10.12	10.00	9.50	9.50	10.25	12.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	10%	19.00	190.00	10.50	9.50	9.50	9.50	10.00	22.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-303. Summary statistics for PCB-146 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	176.67	160.00	120.00	130.00	227.50	250.00	97.50	
CBX	3	33%	9.70	200.00	55.33	50.00	16.00	24.50	87.50	100.00	63.00	E
RB111	3	33%	19.00	190.00	40.50	17.00	9.50	11.38	75.50	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	116.00	110.00	16.00	50.00	160.00	250.00	110.00	
All Snohomish RB Locations	6	17%	9.90	200.00	46.08	33.50	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	25%	9.60	240.00	64.81	49.75	4.80	10.00	100.00	250.00	90.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	37.50	34.00	10.50	16.38	59.50	68.00	43.12	
CBB	3	33%	21.00	99.00	25.67	17.00	10.50	12.12	41.38	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	31.58	25.50	10.50	10.50	49.50	68.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	15%	21.00	220.00	42.50	40.75	10.50	10.50	58.75	110.00	48.25	E
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	73.79	49.75	10.50	16.50	110.00	250.00	93.50	
All RB Locations	12	8%	9.90	200.00	49.04	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	20%	9.60	240.00	53.65	48.00	4.80	10.50	95.00	250.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-304. Summary statistics for PCB-147 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-304. Summary statistics for PCB-147 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	67%	10.00	240.00	64.00	48.00	24.00	30.00	102.00	120.00	72.00	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	33%	9.70	240.00	57.81	49.00	4.85	24.00	100.00	120.00	76.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	10%	9.60	240.00	49.25	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	17%	9.70	240.00	51.70	48.75	4.85	17.25	77.50	120.00	60.25	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	5%	9.60	240.00	47.97	48.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-305. Summary statistics for PCB-148 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-305. Summary statistics for PCB-148 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-306. Summary statistics for PCB-150 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-306. Summary statistics for PCB-150 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-307. Summary statistics for PCB-151 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	20.25	20.25	9.50			31.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	15.50	15.50	10.00			21.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	16.67	9.50	9.50	9.50	25.62	31.00	16.12	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	12.88	10.25	10.00	10.00	15.75	21.00	5.75	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	11.97	10.00	9.50	9.50	10.00	31.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	13.08	9.50	9.50	9.50	9.50	31.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	11.25	10.00	9.50	9.50	10.25	21.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	7%	19.00	190.00	10.82	9.50	9.50	9.50	10.00	31.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-307. Summary statistics for PCB-151 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	160.00	130.00	110.00	115.00	212.50	240.00	97.50	
CBX	3	67%	9.70	200.00	27.00	20.00	11.00	13.25	42.50	50.00	29.25	
RB111	3	33%	19.00	190.00	44.50	29.00	9.50	14.38	78.50	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	83%	9.70	240.00	93.50	80.00	11.00	20.00	130.00	240.00	110.00	
All Snohomish RB Locations	6	17%	9.90	200.00	48.08	39.50	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	30%	9.60	240.00	58.65	49.50	4.80	10.00	97.50	240.00	87.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	52.00	38.00	33.00	34.25	73.25	85.00	39.00	
CBB	3	67%	21.00	99.00	17.50	14.00	10.50	11.38	24.50	28.00	13.12	
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	83%	21.00	200.00	34.75	30.50	10.50	14.00	38.00	85.00	24.00	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	25%	21.00	220.00	43.45	35.50	10.50	10.50	67.00	110.00	56.50	E
All Monitoring Locations Combined												
All CB Locations	12	83%	9.70	240.00	64.12	35.50	10.50	17.00	97.50	240.00	80.50	
All RB Locations	12	8%	9.90	200.00	50.04	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	28%	9.60	240.00	51.05	42.75	4.80	10.50	95.00	240.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-308. Summary statistics for PCB-152 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-308. Summary statistics for PCB-152 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-309. Summary statistics for PCB-153 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	80.50	80.50	21.00			140.00		
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	50%	19.00	190.00	11.25	11.25	9.50			13.00		E
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	50%	19.00	190.00	9.75	9.75	9.50			10.00		E
All Snohomish CB Locations	3	67%	19.00	190.00	56.83	21.00	9.50	12.38	110.25	140.00	97.87	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	25%	19.00	190.00	10.50	9.75	9.50	9.50	11.50	13.00	2.00	E
All Snohomish FB Locations	4	25%	19.00	190.00	9.62	9.50	9.50	9.50	9.75	10.00	0.25	E
All Snomomish Locations	15	27%	19.00	190.00	19.40	10.00	9.50	9.50	10.38	140.00	0.88	E
Puyallup Watershed												
CBA	2	100%	19.00	190.00	69.50	69.50	44.00			95.00		
CBB	1	100%	190.00	190.00		16.00						
RB53	2	50%	19.00	200.00	11.75	11.75	9.50			14.00		E
RB209	2	50%	20.00	200.00	10.00	10.00	10.00			10.00		E
AG143	2	100%	20.00	190.00	55.50	55.50	44.00			67.00		
AG62	2	50%	21.00	200.00	11.75	11.75	10.50			13.00		E
FB130	2	50%	20.00	190.00	11.00	11.00	10.00			12.00		E
FB372	2	50%	19.00	190.00	10.75	10.75	9.50			12.00		E
All Puyallup CB Locations	3	100%	19.00	190.00	51.67	44.00	16.00	23.00	82.25	95.00	59.25	
All Puyallup RB Locations	4	50%	19.00	200.00	10.88	10.00	9.50	9.75	12.00	14.00	2.25	E
All Puyallup AG Locations	4	75%	20.00	200.00	33.62	28.50	10.50	11.75	55.50	67.00	43.75	
All Puyallup FB Locations	4	50%	19.00	190.00	10.88	11.00	9.50	9.75	12.00	12.00	2.25	E
All Puyallup Locations	15	67%	19.00	200.00	25.10	12.00	9.50	10.00	37.00	95.00	27.00	
All Monitoring Locations Combined												
All CB Locations	6	83%	19.00	190.00	54.25	32.50	9.50	16.00	95.00	140.00	79.00	
All RB Locations	8	25%	19.00	200.00	10.44	10.00	9.50	9.75	10.25	14.00	0.50	E
All AG Locations	8	50%	19.00	200.00	22.06	11.75	9.50	9.75	28.50	67.00	18.75	E
All FB Locations	8	38%	19.00	190.00	10.25	9.75	9.50	9.50	11.00	12.00	1.50	E
All Locations	30	47%	19.00	200.00	22.25	10.00	9.50	9.50	14.00	140.00	4.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-309. Summary statistics for PCB-153 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	836.67	860.00	450.00	552.50	1115.00	1200.00	562.50	
CBX	3	100%	9.70	200.00	45.67	36.00	28.00	30.00	63.75	73.00	33.75	
RB111	3	67%	19.00	190.00	44.50	14.00	9.50	10.62	86.00	110.00	75.37	
RB202	3	67%	9.90	200.00	15.32	10.00	4.95	6.21	25.75	31.00	19.54	
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	100%	9.70	240.00	441.17	261.50	28.00	36.00	860.00	1200.00	824.00	
All Snohomish RB Locations	6	67%	9.90	200.00	29.91	12.00	4.95	9.50	31.00	110.00	21.50	
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	50%	9.60	240.00	157.51	33.50	4.80	9.75	97.50	1200.00	87.75	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	204.33	130.00	63.00	79.75	347.50	420.00	267.75	
CBB	3	33%	21.00	99.00	45.67	49.50	10.50	20.25	70.12	77.00	49.88	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	67%	21.00	200.00	125.00	70.00	10.50	49.50	130.00	420.00	80.50	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	20%	21.00	220.00	70.53	48.50	10.50	10.50	97.50	420.00	87.00	E
All Monitoring Locations Combined												
All CB Locations	12	83%	9.70	240.00	283.08	75.00	10.50	42.75	435.00	1200.00	392.25	
All RB Locations	12	33%	9.90	200.00	40.95	22.50	4.95	10.25	71.50	110.00	61.25	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	35%	9.60	240.00	114.01	48.00	4.80	10.50	97.50	1200.00	87.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-310. Summary statistics for PCB-154 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-310. Summary statistics for PCB-154 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-311. Summary statistics for PCB-155 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-311. Summary statistics for PCB-155 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-312. Summary statistics for PCB-156 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	19.00	19.00	28.75	28.75	9.50			48.00		E
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	33%	19.00	19.00	22.33	9.50	9.50	9.50	38.37	48.00	28.88	E
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	7%	19.00	21.00	12.23	9.50	9.50	9.50	10.00	48.00	0.50	E
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	19.00	15.92	9.50	9.50	9.50	9.50	48.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	3%	19.00	21.00	11.00	9.50	9.50	9.50	10.00	48.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-312. Summary statistics for PCB-156 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	9.70	24.00	141.33	96.00	88.00	90.00	204.00	240.00	114.00	
CBX	3	33%	9.70	20.00	8.33	10.00	5.00	6.25	10.00	10.00	3.75	E
RB111	3	0%	11.00	19.00						< 19.00		U
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	67%	9.70	24.00	74.83	49.00	5.00	10.00	96.00	240.00	86.00	
All Snohomish RB Locations	6	0%	9.90	20.00						< 20.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	20%	9.60	24.00	27.62	9.50	4.80	4.97	10.00	240.00	5.03	E
Puyallup Watershed												
CBA	3	67%	11.00	21.00	18.83	15.00	10.50	11.62	27.00	31.00	15.38	
CBB	3	33%	9.60	21.00	9.48	10.50	4.95	6.34	12.38	13.00	6.04	E
RB53	3	0%	9.60	21.00						< 21.00		U
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	50%	9.60	21.00	14.16	11.75	4.95	10.50	15.00	31.00	4.50	E
All Puyallup RB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	15%	9.50	22.00	10.39	10.50	4.75	7.22	10.50	31.00	3.28	E
All Monitoring Locations Combined												
All CB Locations	12	58%	9.60	24.00	44.50	11.75	4.95	10.00	59.50	240.00	49.50	
All RB Locations	12	0%	9.60	21.00						< 21.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	17%	9.50	24.00	19.01	10.00	4.75	4.97	10.50	240.00	5.53	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-313. Summary statistics for PCB-157 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-313. Summary statistics for PCB-157 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	9.70	24.00	36.33	27.00	24.00	24.75	50.25	58.00	25.50	
CBX	3	0%	9.70	20.00						< 20.00		U
RB111	3	0%	11.00	19.00						< 19.00		U
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	50%	9.70	24.00	21.48	17.00	4.85	5.00	27.00	58.00	22.00	E
All Snohomish RB Locations	6	0%	9.90	20.00						< 20.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	15%	9.60	24.00	11.62	9.50	4.80	4.95	10.00	58.00	5.05	E
Puyallup Watershed												
CBA	3	0%	11.00	21.00						< 21.00		U
CBB	3	0%	9.60	21.00						< 21.00		U
RB53	3	0%	9.60	21.00						< 21.00		U
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup RB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	0%	9.50	22.00						< 22.00		U
All Monitoring Locations Combined												
All CB Locations	12	25%	9.60	24.00	14.59	10.00	4.80	4.97	17.25	58.00	12.27	E
All RB Locations	12	0%	9.60	21.00						< 21.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	8%	9.50	24.00	10.03	9.50	4.75	4.95	10.50	58.00	5.55	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-314. Summary statistics for PCB-158-160 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	19.00	19.00	20.25	20.25	9.50			31.00		E
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	33%	19.00	19.00	16.67	9.50	9.50	9.50	25.62	31.00	16.12	E
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	7%	19.00	21.00	11.10	9.50	9.50	9.50	10.00	31.00	0.50	E
Puyallup Watershed												
CBA	2	50%	19.00	190.00	10.75	10.75	9.50			12.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	11.00	11.00	10.00			12.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	10.33	9.50	9.50	9.50	11.38	12.00	1.88	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	10.62	10.25	10.00	10.00	11.25	12.00	1.25	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	10.10	10.00	9.50	9.50	10.00	12.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	33%	19.00	190.00	13.50	9.50	9.50	9.50	12.00	31.00	2.50	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	10.12	10.00	9.50	9.50	10.25	12.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	10%	19.00	190.00	10.60	9.50	9.50	9.50	10.00	31.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-314. Summary statistics for PCB-158-160 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	210.00	170.00	140.00	147.50	282.50	320.00	135.00	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	130.81	120.00	4.85	50.00	170.00	320.00	120.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	71.15	50.00	4.80	9.50	100.00	320.00	90.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	25.83	21.00	10.50	13.12	39.75	46.00	26.62	
CBB	3	33%	21.00	99.00	26.00	18.00	10.50	12.38	41.62	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	25.92	19.50	10.50	10.50	46.00	49.50	35.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	15%	21.00	220.00	40.80	33.50	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	50%	9.70	240.00	78.36	47.75	4.85	14.25	120.00	320.00	105.75	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	15%	9.60	240.00	55.97	48.00	4.80	10.50	95.00	320.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-315. Summary statistics for PCB-159 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-315. Summary statistics for PCB-159 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-316. Summary statistics for PCB-161 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-316. Summary statistics for PCB-161 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-317. Summary statistics for PCB-162 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-317. Summary statistics for PCB-162 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-318. Summary statistics for PCB-166 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-318. Summary statistics for PCB-166 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-319. Summary statistics for PCB-167 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-319. Summary statistics for PCB-167 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	9.70	24.00	61.33	50.00	34.00	38.00	87.50	100.00	49.50	
CBX	3	0%	9.70	20.00						< 20.00		U
RB111	3	0%	11.00	19.00						< 19.00		U
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	50%	9.70	24.00	33.98	22.00	4.85	5.00	50.00	100.00	45.00	E
All Snohomish RB Locations	6	0%	9.90	20.00						< 20.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	15%	9.60	24.00	15.37	9.50	4.80	4.95	10.00	100.00	5.05	E
Puyallup Watershed												
CBA	3	33%	11.00	21.00	13.17	10.50	10.00	10.12	16.88	19.00	6.75	E
CBB	3	0%	9.60	21.00						< 21.00		U
RB53	3	0%	9.60	21.00						< 21.00		U
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	17%	9.60	21.00	9.96	10.25	4.80	4.95	10.50	19.00	5.55	E
All Puyallup RB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	5%	9.50	22.00	9.12	10.25	4.75	4.93	10.50	19.00	5.57	E
All Monitoring Locations Combined												
All CB Locations	12	33%	9.60	24.00	21.97	10.25	4.80	4.97	26.50	100.00	21.52	E
All RB Locations	12	0%	9.60	21.00						< 21.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	10%	9.50	24.00	12.25	9.75	4.75	4.95	10.50	100.00	5.55	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-320. Summary statistics for PCB-169 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-320. Summary statistics for PCB-169 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	9.70	24.00						< 24.00		U
CBX	3	0%	9.70	20.00						< 20.00		U
RB111	3	0%	11.00	19.00						< 19.00		U
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	0%	9.70	24.00						< 24.00		U
All Snohomish RB Locations	6	0%	9.90	20.00						< 20.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	0%	9.60	24.00						< 24.00		U
Puyallup Watershed												
CBA	3	0%	11.00	21.00						< 21.00		U
CBB	3	0%	9.60	21.00						< 21.00		U
RB53	3	0%	9.60	21.00						< 21.00		U
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup RB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	0%	9.50	22.00						< 22.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.60	24.00						< 24.00		U
All RB Locations	12	0%	9.60	21.00						< 21.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	0%	9.50	24.00						< 24.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-321. Summary statistics for PCB-170-190 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	19.00	19.00	27.25	27.25	9.50			45.00		E
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	33%	19.00	19.00	21.33	9.50	9.50	9.50	36.12	45.00	26.62	E
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	7%	19.00	21.00	12.03	9.50	9.50	9.50	10.00	45.00	0.50	E
Puyallup Watershed												
CBA	2	50%	19.00	19.00	22.25	22.25	9.50			35.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	19.50	19.50	10.00			29.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	19.00	18.00	9.50	9.50	9.50	28.62	35.00	19.12	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	14.88	10.25	10.00	10.00	19.75	29.00	9.75	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	12.77	10.00	9.50	9.50	10.00	35.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	33%	19.00	19.00	19.67	9.50	9.50	9.50	35.00	45.00	25.50	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	12.25	10.00	9.50	9.50	10.25	29.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	10%	19.00	190.00	12.40	9.50	9.50	9.50	10.00	45.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-321. Summary statistics for PCB-170-190 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	9.70	24.00	170.00	130.00	100.00	107.50	242.50	280.00	135.00	
CBX	3	0%	9.70	36.00						< 36.00		U
RB111	3	33%	11.00	19.00	15.33	9.50	9.50	9.50	22.62	27.00	13.12	E
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	50%	9.70	36.00	90.50	59.00	5.00	10.00	130.00	280.00	120.00	E
All Snohomish RB Locations	6	17%	9.90	20.00	10.99	9.50	4.95	5.00	10.00	27.00	5.00	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	20%	9.60	36.00	33.40	9.50	4.80	4.97	14.25	280.00	9.27	E
Puyallup Watershed												
CBA	3	100%	11.00	21.00	83.00	72.00	27.00	38.25	130.50	150.00	92.25	
CBB	3	67%	9.60	21.00	21.83	18.00	10.50	12.38	32.25	37.00	19.88	
RB53	3	0%	9.60	21.00						< 21.00		U
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	83%	9.60	21.00	52.42	32.00	10.50	18.00	72.00	150.00	54.00	
All Puyallup RB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	25%	9.50	22.00	21.86	10.50	4.75	9.75	14.50	150.00	4.75	E
All Monitoring Locations Combined												
All CB Locations	12	67%	9.60	36.00	71.46	32.00	5.00	14.25	115.00	280.00	100.75	
All RB Locations	12	8%	9.60	21.00	9.67	9.50	4.80	4.97	10.25	27.00	5.28	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	22%	9.50	36.00	27.63	10.00	4.75	5.00	14.50	280.00	9.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-322. Summary statistics for PCB-171 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	9.60	9.60	9.50			9.70		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	9.57	9.50	9.50	9.50	9.65	9.70	0.15	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	7%	19.00	190.00	9.78	9.70	9.50	9.50	10.00	10.50	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	9.53	9.50	9.50	9.50	9.50	9.70	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	3%	19.00	190.00	9.72	9.50	9.50	9.50	10.00	10.50	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-322. Summary statistics for PCB-171 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	49.67	41.00	32.00	34.25	67.25	76.00	33.00	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	50.64	45.50	4.85	32.00	76.00	100.00	44.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	47.10	49.50	4.80	9.50	85.50	100.00	76.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	21.17	17.00	10.50	12.12	31.25	36.00	19.12	
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	33%	21.00	200.00	28.58	26.50	10.50	10.50	48.00	49.50	37.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	10%	21.00	220.00	41.60	41.75	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	42%	9.70	240.00	39.61	38.50	4.85	13.75	49.75	100.00	36.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	13%	9.60	240.00	44.35	47.75	4.80	10.50	65.50	110.00	55.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-323. Summary statistics for PCB-172-192 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-323. Summary statistics for PCB-172-192 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	23.33	16.00	16.00	16.00	32.50	38.00	16.50	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	37.48	27.00	4.85	16.00	50.00	100.00	34.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	43.15	43.75	4.80	9.50	75.00	100.00	65.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	14.83	13.00	10.50	11.12	19.00	21.00	7.88	
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	33%	21.00	200.00	25.42	17.00	10.50	10.50	48.00	49.50	37.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	10%	21.00	220.00	40.65	34.25	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	42%	9.70	240.00	31.45	18.50	4.85	11.75	48.75	100.00	37.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	13%	9.60	240.00	41.90	42.75	4.80	10.50	52.50	110.00	42.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-324. Summary statistics for PCB-173 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-324. Summary statistics for PCB-173 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-325. Summary statistics for PCB-174 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	20.75	20.75	9.50			32.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	15.50	15.50	10.00			21.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	17.00	9.50	9.50	9.50	26.37	32.00	16.88	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	12.88	10.25	10.00	10.00	15.75	21.00	5.75	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	12.03	10.00	9.50	9.50	10.00	32.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	13.25	9.50	9.50	9.50	9.50	32.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	11.25	10.00	9.50	9.50	10.25	21.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	7%	19.00	190.00	10.85	9.50	9.50	9.50	10.00	32.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-325. Summary statistics for PCB-174 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	109.67	93.00	66.00	72.75	150.75	170.00	78.00	
CBX	3	33%	9.70	200.00	60.67	50.00	32.00	36.50	87.50	100.00	51.00	E
RB111	3	33%	19.00	190.00	39.50	14.00	9.50	10.62	74.75	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	85.17	79.50	32.00	50.00	100.00	170.00	50.00	
All Snohomish RB Locations	6	17%	9.90	200.00	45.58	32.00	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	25%	9.60	240.00	55.40	49.75	4.80	10.00	95.00	170.00	85.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	76.33	72.00	27.00	38.25	115.50	130.00	77.25	
CBB	3	67%	21.00	99.00	18.83	17.00	10.50	12.12	26.00	29.00	13.88	
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	83%	21.00	200.00	47.58	28.00	10.50	17.00	72.00	130.00	55.00	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	25%	21.00	220.00	47.30	38.25	10.50	10.50	83.50	130.00	73.00	E
All Monitoring Locations Combined												
All CB Locations	12	75%	9.70	240.00	66.38	58.00	10.50	28.00	96.50	170.00	68.50	
All RB Locations	12	8%	9.90	200.00	48.79	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	25%	9.60	240.00	51.35	48.00	4.80	10.50	95.00	170.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-326. Summary statistics for PCB-175 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-326. Summary statistics for PCB-175 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-327. Summary statistics for PCB-176 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-327. Summary statistics for PCB-176 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	67%	10.00	240.00	51.00	21.00	12.00	14.25	95.25	120.00	81.00	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	33%	9.70	240.00	51.31	35.50	4.85	12.00	100.00	120.00	88.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	10%	9.60	240.00	47.30	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	33%	21.00	200.00	42.17	16.00	10.50	11.88	79.00	100.00	67.12	E
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	39.08	32.00	10.50	10.50	49.50	100.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	44.75	47.75	10.50	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	25%	9.70	240.00	45.20	34.50	4.85	11.25	75.00	120.00	63.75	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	8%	9.60	240.00	46.02	48.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-328. Summary statistics for PCB-177 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	15.75	15.75	9.50			22.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	12.00	12.00	10.00			14.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	13.67	9.50	9.50	9.50	18.88	22.00	9.38	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	11.12	10.25	10.00	10.00	12.25	14.00	2.25	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	10.90	10.00	9.50	9.50	10.00	22.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	11.58	9.50	9.50	9.50	9.50	22.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	10.38	10.00	9.50	9.50	10.25	14.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	7%	19.00	190.00	10.28	9.50	9.50	9.50	10.00	22.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-328. Summary statistics for PCB-177 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	73.67	63.00	48.00	51.75	98.25	110.00	46.50	
CBX	3	33%	9.70	200.00	56.00	50.00	18.00	26.00	87.50	100.00	61.50	E
RB111	3	33%	19.00	190.00	44.50	29.00	9.50	14.38	78.50	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	64.83	56.50	18.00	48.00	100.00	110.00	52.00	
All Snohomish RB Locations	6	17%	9.90	200.00	48.08	39.50	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	25%	9.60	240.00	50.06	49.50	4.80	10.00	95.00	110.00	85.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	47.50	43.00	10.50	18.62	77.50	89.00	58.88	
CBB	3	33%	21.00	99.00	26.67	20.00	10.50	12.88	42.12	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	37.08	31.50	10.50	10.50	49.50	89.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	15%	21.00	220.00	44.15	45.25	10.50	10.50	69.25	110.00	58.75	E
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	50.96	48.75	10.50	19.00	76.00	110.00	57.00	
All RB Locations	12	8%	9.90	200.00	50.04	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	20%	9.60	240.00	47.10	48.00	4.80	10.50	92.00	110.00	81.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-329. Summary statistics for PCB-178 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-329. Summary statistics for PCB-178 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	18.67	15.00	13.00	13.50	24.75	28.00	11.25	
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	35.14	21.50	4.85	13.00	50.00	100.00	37.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00		38.75	4.80	9.50	75.00	100.00	65.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	18.83	17.00	10.50	12.12	26.00	29.00	13.88	
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	33%	21.00	200.00	27.42	23.00	10.50	10.50	48.00	49.50	37.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	10%	21.00	220.00	41.25	38.25	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	42%	9.70	240.00	31.28	22.50	4.85	11.75	48.75	100.00	37.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	13%	9.60	240.00	41.85	38.25	4.80	10.50	52.50	110.00	42.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-330. Summary statistics for PCB-179 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	11.75	11.75	9.50			14.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	11.00	9.50	9.50	9.50	12.88	14.00	3.38	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	7%	19.00	190.00	10.07	10.00	9.50	9.50	10.00	14.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	10.25	9.50	9.50	9.50	9.50	14.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	3%	19.00	190.00	9.87	9.50	9.50	9.50	10.00	14.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-330. Summary statistics for PCB-179 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	33.67	27.00	23.00	24.00	45.00	51.00	21.00	
CBX	3	33%	9.70	200.00	53.67	50.00	11.00	20.75	87.50	100.00	66.75	E
RB111	3	33%	19.00	190.00	39.17	13.00	9.50	10.38	74.50	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	43.67	38.50	11.00	23.00	51.00	100.00	28.00	
All Snohomish RB Locations	6	17%	9.90	200.00	45.41	31.50	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	25%	9.60	240.00	42.90	38.25	4.80	10.00	73.00	100.00	63.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	30.50	26.00	10.50	14.38	47.75	55.00	33.38	
CBB	3	33%	21.00	99.00	24.33	13.00	10.50	11.12	40.37	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	27.42	19.50	10.50	10.50	49.50	55.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	15%	21.00	220.00	41.25	36.75	10.50	10.50	52.25	110.00	41.75	E
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	35.54	26.50	10.50	12.00	50.50	100.00	38.50	
All RB Locations	12	8%	9.90	200.00	48.70	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	20%	9.60	240.00	42.08	37.25	4.80	10.50	53.00	110.00	42.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-331. Summary statistics for PCB-180 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	19.00	19.00	35.75	35.75	9.50			62.00		E
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	33%	19.00	19.00	27.00	9.50	9.50	9.50	48.87	62.00	39.38	E
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	7%	19.00	21.00	13.17	9.50	9.50	9.50	10.00	62.00	0.50	E
Puyallup Watershed												
CBA	2	100%	19.00	19.00	53.50	53.50	29.00			78.00		
CBB	1	100%	190.00	190.00		12.00						
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	30.00	30.00	10.00			50.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	100%	19.00	190.00	39.67	29.00	12.00	16.25	65.75	78.00	49.50	
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	20.12	10.25	10.00	10.00	30.25	50.00	20.25	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	27%	19.00	190.00	18.50	10.00	9.50	9.62	11.62	78.00	2.00	E
All Monitoring Locations Combined												
All CB Locations	6	67%	19.00	190.00	33.33	20.50	9.50	9.50	62.00	78.00	52.50	
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	14.88	10.00	9.50	9.50	10.25	50.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	17%	19.00	190.00	15.83	10.00	9.50	9.50	10.00	78.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-331. Summary statistics for PCB-180 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	9.70	24.00	243.33	190.00	150.00	160.00	340.00	390.00	180.00	
CBX	3	100%	9.70	20.00	38.00	21.00	19.00	19.50	60.75	74.00	41.25	
RB111	3	33%	11.00	19.00	32.33	9.50	9.50	9.50	60.87	78.00	51.38	E
RB202	3	33%	9.90	20.00	9.32	10.00	4.95	6.21	12.25	13.00	6.04	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	100%	9.70	24.00	140.67	112.00	19.00	21.00	190.00	390.00	169.00	
All Snohomish RB Locations	6	33%	9.90	20.00	20.82	9.75	4.95	9.50	13.00	78.00	3.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	40%	9.60	24.00	51.40	10.00	4.80	7.22	47.50	390.00	40.28	E
Puyallup Watershed												
CBA	3	100%	11.00	21.00	196.33	160.00	69.00	91.75	310.00	360.00	218.25	
CBB	3	100%	9.60	21.00	44.00	36.00	22.00	25.50	64.50	74.00	39.00	
RB53	3	33%	9.60	21.00	14.17	10.50	10.00	10.12	19.12	22.00	9.00	E
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	100%	9.60	21.00	120.17	71.50	22.00	36.00	160.00	360.00	124.00	
All Puyallup RB Locations	6	17%	9.60	21.00	11.22	10.25	4.80	9.50	10.50	22.00	1.00	E
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	35%	9.50	22.00	43.05	10.50	4.75	10.00	29.00	360.00	19.00	E
All Monitoring Locations Combined												
All CB Locations	12	100%	9.60	24.00	130.42	74.00	19.00	29.00	175.00	390.00	146.00	
All RB Locations	12	25%	9.60	21.00	16.02	10.00	4.80	9.50	11.75	78.00	2.25	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	38%	9.50	24.00	47.22	10.50	4.75	9.50	29.00	390.00	19.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-332. Summary statistics for PCB-181 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-332. Summary statistics for PCB-181 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-333. Summary statistics for PCB-182-187 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	18.25	18.25	9.50			27.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	12.00	12.00	10.00			14.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	15.33	9.50	9.50	9.50	22.62	27.00	13.12	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	11.12	10.25	10.00	10.00	12.25	14.00	2.25	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	11.23	10.00	9.50	9.50	10.00	27.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	12.42	9.50	9.50	9.50	9.50	27.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	10.38	10.00	9.50	9.50	10.25	14.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	7%	19.00	190.00	10.45	9.50	9.50	9.50	10.00	27.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-333. Summary statistics for PCB-182-187 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	65.00	65.00	33.00	41.00	89.00	97.00	48.00	
CBX	3	33%	9.70	200.00	57.67	50.00	23.00	29.75	87.50	100.00	57.75	E
RB111	3	33%	19.00	190.00	45.83	33.00	9.50	15.38	79.50	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	61.33	57.50	23.00	33.00	97.00	100.00	64.00	
All Snohomish RB Locations	6	17%	9.90	200.00	48.74	41.50	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	25%	9.60	240.00	49.20	49.50	4.80	10.00	95.00	100.00	85.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	65.00	53.00	22.00	29.75	103.25	120.00	73.50	
CBB	3	67%	21.00	99.00	17.50	14.00	10.50	11.38	24.50	28.00	13.12	
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	83%	21.00	200.00	41.25	25.00	10.50	14.00	53.00	120.00	39.00	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	25%	21.00	220.00	45.40	37.75	10.50	10.50	74.00	120.00	63.50	E
All Monitoring Locations Combined												
All CB Locations	12	75%	9.70	240.00	51.29	41.50	10.50	22.50	81.00	120.00	58.50	
All RB Locations	12	8%	9.90	200.00	50.37	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	25%	9.60	240.00	47.30	47.75	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-334. Summary statistics for PCB-183 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	15.25	15.25	9.50			21.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	11.50	11.50	10.00			13.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	13.33	9.50	9.50	9.50	18.12	21.00	8.62	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	10.88	10.25	10.00	10.00	11.75	13.00	1.75	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	190.00	10.77	10.00	9.50	9.50	10.00	21.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	11.42	9.50	9.50	9.50	9.50	21.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	10.25	10.00	9.50	9.50	10.25	13.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	7%	19.00	190.00	10.22	9.50	9.50	9.50	10.00	21.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-334. Summary statistics for PCB-183 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	67.67	59.00	44.00	47.75	89.75	100.00	42.00	
CBX	3	33%	9.70	200.00	54.00	50.00	12.00	21.50	87.50	100.00	66.00	E
RB111	3	33%	19.00	190.00	44.83	30.00	9.50	14.62	78.75	95.00	64.12	E
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	60.83	54.50	12.00	44.00	100.00	100.00	56.00	
All Snohomish RB Locations	6	17%	9.90	200.00	48.24	40.00	4.95	9.50	95.00	100.00	85.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	25%	9.60	240.00	48.90	49.50	4.80	10.00	95.00	100.00	85.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	44.83	39.00	10.50	17.62	73.50	85.00	55.88	
CBB	3	67%	21.00	99.00	12.17	11.00	10.50	10.62	14.00	15.00	3.38	
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	67%	21.00	200.00	28.50	13.00	10.50	10.50	39.00	85.00	28.50	
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	20%	21.00	220.00	41.58	27.00	10.50	10.50	67.00	110.00	56.50	E
All Monitoring Locations Combined												
All CB Locations	12	67%	9.70	240.00	44.67	41.50	10.50	11.50	72.00	100.00	60.50	
All RB Locations	12	8%	9.90	200.00	50.12	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	22%	9.60	240.00	45.24	45.75	4.80	10.50	90.00	110.00	79.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-335. Summary statistics for PCB-184 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-335. Summary statistics for PCB-184 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	33%	21.00	99.00	23.17	11.00	10.50	10.62	38.75	48.00	28.12	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	39.17	29.50	10.50	10.50	55.00	100.00	44.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	44.78	47.75	10.50	10.50	75.00	110.00	64.50	E
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	46.95	48.25	4.85	10.50	77.50	120.00	67.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	46.55	48.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-336. Summary statistics for PCB-185 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-336. Summary statistics for PCB-185 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	33%	21.00	200.00	43.17	19.00	10.50	12.62	79.75	100.00	67.12	E
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	39.58	33.50	10.50	10.50	49.50	100.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	44.90	47.75	10.50	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	47.15	48.25	4.85	10.50	75.00	120.00	64.50	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	46.61	48.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-337. Summary statistics for PCB-186 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-337. Summary statistics for PCB-186 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-338. Summary statistics for PCB-188 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-338. Summary statistics for PCB-188 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-339. Summary statistics for PCB-189 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-339. Summary statistics for PCB-189 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	9.70	24.00	10.95	12.00	4.85	6.64	15.00	16.00	8.36	E
CBX	3	0%	9.70	20.00						< 20.00		U
RB111	3	0%	11.00	19.00						< 19.00		U
RB202	3	0%	9.90	20.00						< 20.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	20.00						< 20.00		U
FB203	3	0%	9.60	19.00						< 19.00		U
All Snohomish CB Locations	6	17%	9.70	24.00	8.78	7.50	4.85	4.85	12.00	16.00	7.15	E
All Snohomish RB Locations	6	0%	9.90	20.00						< 20.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	20.00						< 20.00		U
All Snomomish Locations	20	5%	9.60	24.00	7.81	7.50	4.80	4.95	10.00	16.00	5.05	E
Puyallup Watershed												
CBA	3	0%	11.00	21.00						< 21.00		U
CBB	3	0%	9.60	21.00						< 21.00		U
RB53	3	0%	9.60	21.00						< 21.00		U
RB209	3	0%	9.60	21.00						< 21.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	9.80	21.00						< 21.00		U
FB372	3	0%	9.50	22.00						< 22.00		U
All Puyallup CB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup RB Locations	6	0%	9.60	21.00						< 21.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	9.50	22.00						< 22.00		U
All Puyallup Locations	20	0%	9.50	22.00						< 22.00		U
All Monitoring Locations Combined												
All CB Locations	12	8%	9.60	24.00	8.25	7.75	4.80	4.90	10.50	16.00	5.60	E
All RB Locations	12	0%	9.60	21.00						< 21.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.50	22.00						< 22.00		U
All Locations	40	3%	9.50	24.00	8.13	9.50	4.75	4.95	10.50	16.00	5.55	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-340. Summary statistics for PCB-191 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-340. Summary statistics for PCB-191 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-341. Summary statistics for PCB-193 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-341. Summary statistics for PCB-193 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	62.83	48.50	20.00	27.12	102.12	120.00	75.00	E
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	57.23	49.25	4.85	20.00	100.00	120.00	80.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	49.07	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	12.83	11.00	10.50	10.62	15.50	17.00	4.88	
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	33%	21.00	200.00	24.42	14.00	10.50	10.50	48.00	49.50	37.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	10%	21.00	220.00	40.35	32.25	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	25%	9.70	240.00	40.82	34.00	4.85	10.75	49.75	120.00	39.00	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	8%	9.60	240.00	44.71	48.00	4.80	10.50	75.00	120.00	64.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-342. Summary statistics for PCB-194 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	12.25	12.25	9.50			15.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	11.33	9.50	9.50	9.50	13.62	15.00	4.12	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	7%	19.00	190.00	10.13	10.00	9.50	9.50	10.00	15.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	10.42	9.50	9.50	9.50	9.50	15.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	3%	19.00	190.00	9.90	9.50	9.50	9.50	10.00	15.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-342. Summary statistics for PCB-194 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	20.33	14.00	12.00	12.50	29.75	35.00	17.25	
CBX	3	33%	9.70	200.00	55.67	50.00	17.00	25.25	87.50	100.00	62.25	E
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	38.00	26.00	12.00	14.00	50.00	100.00	36.00	
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	20%	9.60	240.00	43.31	42.25	4.80	10.00	75.00	100.00	65.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	42.83	44.00	10.50	18.88	66.50	74.00	47.62	
CBB	3	33%	21.00	99.00	25.00	15.00	10.50	11.62	40.87	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	33.92	29.50	10.50	10.50	49.50	74.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	15%	21.00	220.00	43.20	45.75	10.50	10.50	61.75	110.00	51.25	E
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	35.96	26.00	10.50	13.00	49.75	100.00	36.75	
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	17%	9.60	240.00	43.25	45.75	4.80	10.50	64.50	110.00	54.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-343. Summary statistics for PCB-195 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-343. Summary statistics for PCB-195 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	60.17	48.50	12.00	21.12	102.12	120.00	81.00	E
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	55.89	49.25	4.85	12.00	100.00	120.00	88.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	48.67	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	14.17	12.00	10.50	10.88	18.00	20.00	7.12	
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	33%	21.00	200.00	25.08	16.00	10.50	10.50	48.00	49.50	37.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	10%	21.00	220.00	40.55	33.75	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	25%	9.70	240.00	40.49	34.00	4.85	11.25	49.75	120.00	38.50	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	8%	9.60	240.00	44.61	48.00	4.80	10.50	75.00	120.00	64.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-344. Summary statistics for PCB-196-203 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	13.75	13.75	9.50			18.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	12.33	9.50	9.50	9.50	15.87	18.00	6.38	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	7%	19.00	190.00	10.33	10.00	9.50	9.50	10.00	18.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	10.92	9.50	9.50	9.50	9.50	18.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	3%	19.00	190.00	10.00	9.50	9.50	9.50	10.00	18.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-344. Summary statistics for PCB-196-203 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	24.33	22.00	16.00	17.50	31.75	35.00	14.25	
CBX	3	33%	9.70	200.00	56.00	50.00	18.00	26.00	87.50	100.00	61.50	E
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	40.17	28.50	16.00	18.00	50.00	100.00	32.00	
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	20%	9.60	240.00			4.80	10.00	75.00	100.00	65.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	53.17	52.00	10.50	20.88	85.75	97.00	64.88	
CBB	3	33%	21.00	99.00	26.33	19.00	10.50	12.62	41.88	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	39.75	34.25	10.50	10.50	52.00	97.00	41.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	15%	21.00	220.00	44.95	47.75	10.50	10.50	73.50	110.00	63.00	E
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	39.96	28.50	10.50	17.00	51.00	100.00	34.00	
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	17%	9.60	240.00	44.45	47.75	4.80	10.50	75.00	110.00	64.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-345. Summary statistics for PCB-197 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-345. Summary statistics for PCB-197 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-346. Summary statistics for PCB-198 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-346. Summary statistics for PCB-198 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-347. Summary statistics for PCB-199 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-347. Summary statistics for PCB-199 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-348. Summary statistics for PCB-200 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-348. Summary statistics for PCB-200 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-349. Summary statistics for PCB-201 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	9.75	9.75	9.50			10.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	9.67	9.50	9.50	9.50	9.88	10.00	0.38	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	7%	19.00	190.00	9.80	10.00	9.50	9.50	10.00	10.50	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	9.58	9.50	9.50	9.50	9.50	10.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	3%	19.00	190.00	9.73	9.50	9.50	9.50	10.00	10.50	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-349. Summary statistics for PCB-201 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	22.67	19.00	15.00	16.00	30.25	34.00	14.25	
CBX	3	33%	9.70	200.00	56.67	50.00	20.00	27.50	87.50	100.00	60.00	E
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	39.67	27.00	15.00	19.00	50.00	100.00	31.00	
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	20%	9.60	240.00	43.81	41.75	4.80	10.00	75.00	100.00	65.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	48.83	50.00	10.50	20.38	77.00	86.00	56.62	
CBB	3	33%	21.00	99.00	25.33	16.00	10.50	11.88	41.12	49.50	29.25	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	37.08	32.75	10.50	10.50	50.00	86.00	39.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	15%	21.00	220.00	44.15	47.75	10.50	10.50	68.00	110.00	57.50	E
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	38.38	27.00	10.50	15.50	50.00	100.00	34.50	
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	17%	9.60	240.00	43.98	47.75	4.80	10.50	70.50	110.00	60.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-350. Summary statistics for PCB-202 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-350. Summary statistics for PCB-202 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	33%	21.00	200.00	41.50	14.00	10.50	11.38	78.50	100.00	67.12	E
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	17%	21.00	200.00	38.75	31.00	10.50	10.50	49.50	100.00	39.00	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	5%	21.00	220.00	44.65	47.75	10.50	10.50	72.25	110.00	61.75	E
All Monitoring Locations Combined												
All CB Locations	12	8%	9.70	240.00	46.74	48.25	4.85	10.50	75.00	120.00	64.50	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	3%	9.60	240.00	46.49	48.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-351. Summary statistics for PCB-204 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-351. Summary statistics for PCB-204 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-352. Summary statistics for PCB-205 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-352. Summary statistics for PCB-205 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-353. Summary statistics for PCB-206 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-353. Summary statistics for PCB-206 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	67%	10.00	240.00	51.67	24.00	11.00	14.25	96.00	120.00	81.75	
CBX	3	33%	9.70	200.00	54.33	50.00	13.00	22.25	87.50	100.00	65.25	E
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	53.00	37.00	11.00	13.00	100.00	120.00	87.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	15%	9.60	240.00	47.81	49.50	4.80	10.00	95.00	120.00	85.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	22.50	20.00	10.50	12.88	32.75	37.00	19.88	
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	33%	21.00	200.00	29.25	28.50	10.50	10.50	48.00	49.50	37.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	10%	21.00	220.00	41.80	42.25	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	42%	9.70	240.00	41.12	30.50	10.50	12.00	49.75	120.00	37.75	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	13%	9.60	240.00	44.80	47.75	4.80	10.50	75.00	120.00	64.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-354. Summary statistics for PCB-207 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-354. Summary statistics for PCB-207 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-355. Summary statistics for PCB-208 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-355. Summary statistics for PCB-208 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	0%	9.60	240.00						< 240.00		U
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	0%	21.00	220.00						< 220.00		U
All Monitoring Locations Combined												
All CB Locations	12	0%	9.70	240.00						< 240.00		U
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	0%	9.60	240.00						< 240.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-356. Summary statistics for PCB-209 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-356. Summary statistics for PCB-209 concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	33%	10.00	240.00	61.50	48.50	16.00	24.12	102.12	120.00	78.00	E
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	17%	9.70	240.00	56.56	49.25	4.85	16.00	100.00	120.00	84.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	20	5%	9.60	240.00	48.87	49.50	4.80	9.50	95.00	120.00	85.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	12.50	12.00	10.50	10.88	14.25	15.00	3.38	
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	33%	21.00	200.00	24.25	13.50	10.50	10.50	48.00	49.50	37.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	10%	21.00	220.00	40.30	31.25	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	25%	9.70	240.00	40.40	32.00	4.85	11.25	49.75	120.00	38.50	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	8%	9.60	240.00	44.59	48.00	4.80	10.50	75.00	120.00	64.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-357. Summary statistics for total PAHs concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0200						< 0.0200		U
CBX	1	0%	0.0190	0.0190						< 0.0190		U
RB111	2	0%	0.0110	0.0200						< 0.0200		U
RB202	2	0%	0.0099	0.0200						< 0.0200		U
AG174	2	0%	0.0098	0.0200						< 0.0200		U
AGG	2	0%	0.0098	0.0200						< 0.0200		U
FB200	2	0%	0.0099	0.0200						< 0.0200		U
FB203	2	0%	0.0098	0.0200						< 0.0200		U
All Snohomish CB Locations	3	0%	0.0098	0.0200						< 0.0200		U
All Snohomish RB Locations	4	0%	0.0099	0.0200						< 0.0200		U
All Snohomish AG Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Snohomish FB Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Snomomish Locations	15	0%	0.0098	0.0200						< 0.0200		U
Puyallup Watershed												
CBA	2	100%	0.0098	0.0200	0.0196	0.0196	0.0159			0.0233		
CBB	1	0%	0.0200	0.0200						< 0.0200		U
RB53	2	0%	0.0098	0.0200						< 0.0200		U
RB209	2	0%	0.0110	0.0200						< 0.0200		U
AG143	2	0%	0.0100	0.0190						< 0.0190		U
AG62	2	0%	0.0100	0.0190						< 0.0190		U
FB130	2	0%	0.0099	0.0200						< 0.0200		U
FB372	2	0%	0.0099	0.0200						< 0.0200		U
All Puyallup CB Locations	3	67%	0.0098	0.0200	0.0164	0.0159	0.0100	0.0115	0.0214	0.0233	0.0100	
All Puyallup RB Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Puyallup AG Locations	4	0%	0.0100	0.0190						< 0.0190		U
All Puyallup FB Locations	4	0%	0.0099	0.0200						< 0.0200		U
All Puyallup Locations	15	13%	0.0098	0.0200	0.0092	0.0095	0.0049	0.0050	0.0100	0.0233	0.0050	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.0098	0.0200	0.0123	0.0100	0.0049	0.0095	0.0159	0.0233	0.0064	E
All RB Locations	8	0%	0.0098	0.0200						< 0.0200		U
All AG Locations	8	0%	0.0098	0.0200						< 0.0200		U
All FB Locations	8	0%	0.0098	0.0200						< 0.0200		U
All Locations	30	7%	0.0098	0.0200	0.0084	0.0095	0.0049	0.0049	0.0100	0.0233	0.0050	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-357. Summary statistics for total PAHs concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0098	0.0250	0.1880	0.2111	0.0125	0.0902	0.2450	0.3580	0.1548	
CBX	6	100%	0.0097	0.0200	0.2005	0.1630	0.1179	0.1523	0.2075	0.3993	0.0552	
RB111	6	17%	0.0099	0.0340	0.0094	0.0095	0.0049	0.0055	0.0099	0.0170	0.0044	E
RB202	6	50%	0.0097	0.0200	0.0127	0.0100	0.0046	0.0097	0.0100	0.0319	0.0003	E
AG174	6	33%	0.0098	0.0190	0.0104	0.0095	0.0049	0.0080	0.0097	0.0208	0.0017	E
AGG	6	17%	0.0098	0.0200	0.0087	0.0097	0.0049	0.0070	0.0100	0.0110	0.0030	E
FB200	6	33%	0.0098	0.0240	0.0106	0.0100	0.0049	0.0097	0.0120	0.0170	0.0023	E
FB203	6	17%	0.0098	0.0300	0.0098	0.0097	0.0065	0.0080	0.0100	0.0150	0.0020	E
All Snohomish CB Locations	12	92%	0.0097	0.0250	0.1942	0.1804	0.0125	0.1351	0.2376	0.3993	0.1025	
All Snohomish RB Locations	12	33%	0.0097	0.0340	0.0110	0.0098	0.0046	0.0075	0.0100	0.0319	0.0025	E
All Snohomish AG Locations	12	25%	0.0098	0.0200	0.0096	0.0095	0.0049	0.0075	0.0100	0.0208	0.0025	E
All Snohomish FB Locations	12	25%	0.0098	0.0300	0.0102	0.0100	0.0049	0.0088	0.0110	0.0170	0.0022	E
All Snomomish Locations	48	44%	0.0097	0.0340	0.0563	0.0100	0.0046	0.0095	0.0263	0.3993	0.0169	E
Puyallup Watershed												
CBA	6	100%	0.0098	0.0200	0.1717	0.1741	0.0363	0.0374	0.2320	0.3765	0.1946	
CBB	6	100%	0.0097	0.0200	0.2502	0.1727	0.0258	0.1062	0.4505	0.5733	0.3443	
RB53	6	33%	0.0097	0.0200	0.0086	0.0073	0.0049	0.0049	0.0100	0.0170	0.0052	E
RB209	6	67%	0.0097	0.0200	0.0296	0.0104	0.0049	0.0070	0.0620	0.0831	0.0550	
AG143	6	17%	0.0098	0.0200	0.0093	0.0049	0.0049	0.0049	0.0100	0.0263	0.0051	E
AG62	6	17%	0.0097	0.0200	0.0074	0.0055	0.0049	0.0049	0.0100	0.0140	0.0052	E
FB130	6	17%	0.0098	0.0200	0.0068	0.0055	0.0049	0.0049	0.0100	0.0100	0.0051	E
FB372	6	17%	0.0097	0.0200	0.0070	0.0050	0.0049	0.0049	0.0100	0.0120	0.0051	E
All Puyallup CB Locations	12	100%	0.0097	0.0200	0.2110	0.1741	0.0258	0.0718	0.3043	0.5733	0.2324	
All Puyallup RB Locations	12	50%	0.0097	0.0200	0.0191	0.0099	0.0049	0.0049	0.0139	0.0831	0.0090	E
All Puyallup AG Locations	12	17%	0.0097	0.0200	0.0084	0.0049	0.0049	0.0049	0.0100	0.0263	0.0051	E
All Puyallup FB Locations	12	17%	0.0097	0.0200	0.0069	0.0050	0.0049	0.0049	0.0100	0.0120	0.0051	E
All Puyallup Locations	48	46%	0.0097	0.0200	0.0613	0.0100	0.0049	0.0049	0.0368	0.5733	0.0320	E
All Monitoring Locations Combined												
All CB Locations	24	96%	0.0097	0.0250	0.2026	0.1756	0.0125	0.1121	0.2385	0.5733	0.1265	
All RB Locations	24	42%	0.0097	0.0340	0.0151	0.0098	0.0046	0.0052	0.0104	0.0831	0.0052	E
All AG Locations	24	21%	0.0097	0.0200	0.0090	0.0088	0.0049	0.0049	0.0100	0.0263	0.0051	E
All FB Locations	24	21%	0.0097	0.0300	0.0085	0.0096	0.0049	0.0050	0.0100	0.0170	0.0050	E
All Locations	96	45%	0.0097	0.0340	0.0588	0.0100	0.0046	0.0058	0.0341	0.5733	0.0283	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-358. Summary statistics for acenaphthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	50%	0.0098	0.0098	0.0047	0.0047	0.0044			0.0049		E
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	33%	0.0098	0.0098	0.0047	0.0049	0.0044	0.0045	0.0049	0.0049	0.0004	E
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	7%	0.0097	0.0110	0.0049	0.0049	0.0044	0.0049	0.0049	0.0055	0.0000	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.0097	0.0098	0.0048	0.0049	0.0044	0.0049	0.0049	0.0049	0.0000	E
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	3%	0.0097	0.0110	0.0049	0.0049	0.0044	0.0049	0.0049	0.0055	0.0000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-358. Summary statistics for acenaphthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0097	0.0120						< 0.0120		U
CBX	6	0%	0.0097	0.0099						< 0.0099		U
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	0%	0.0097	0.0100						< 0.0100		U
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	0%	0.0097	0.0120						< 0.0120		U
All Snohomish RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	0%	0.0097	0.0120						< 0.0120		U
Puyallup Watershed												
CBA	6	0%	0.0098	0.0100						< 0.0100		U
CBB	6	0%	0.0097	0.0100						< 0.0100		U
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	0%	0.0097	0.0100						< 0.0100		U
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	0%	0.0097	0.0100						< 0.0100		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0097	0.0120						< 0.0120		U
All RB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	0%	0.0097	0.0120						< 0.0120		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-359. Summary statistics for acenaphthylene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-359. Summary statistics for acenaphthylene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0097	0.0120						< 0.0120		U
CBX	6	0%	0.0097	0.0099						< 0.0099		U
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	0%	0.0097	0.0100						< 0.0100		U
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	0%	0.0097	0.0120						< 0.0120		U
All Snohomish RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	0%	0.0097	0.0120						< 0.0120		U
Puyallup Watershed												
CBA	6	0%	0.0098	0.0100						< 0.0100		U
CBB	5	0%	0.0097	0.0100						< 0.0100		U
RB53	5	0%	0.0097	0.0100						< 0.0100		U
RB209	5	0%	0.0097	0.0100						< 0.0100		U
AG143	5	0%	0.0098	0.0099						< 0.0099		U
AG62	5	0%	0.0097	0.0099						< 0.0099		U
FB130	5	0%	0.0097	0.0099						< 0.0099		U
FB372	5	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	11	0%	0.0097	0.0100						< 0.0100		U
All Puyallup RB Locations	10	0%	0.0097	0.0100						< 0.0100		U
All Puyallup AG Locations	10	0%	0.0097	0.0099						< 0.0099		U
All Puyallup FB Locations	10	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	41	0%	0.0097	0.0100						< 0.0100		U
All Monitoring Locations Combined												
All CB Locations	23	0%	0.0097	0.0120						< 0.0120		U
All RB Locations	22	0%	0.0097	0.0100						< 0.0100		U
All AG Locations	22	0%	0.0097	0.0099						< 0.0099		U
All FB Locations	22	0%	0.0097	0.0100						< 0.0100		U
All Locations	89	0%	0.0097	0.0120						< 0.0120		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-360. Summary statistics for anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-360. Summary statistics for anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0097	0.0120						< 0.0120		U
CBX	6	0%	0.0097	0.0099						< 0.0099		U
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	0%	0.0097	0.0100						< 0.0100		U
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	0%	0.0097	0.0120						< 0.0120		U
All Snohomish RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish Locations	48	0%	0.0097	0.0120						< 0.0120		U
Puyallup Watershed												
CBA	6	33%	0.0098	0.0100	0.0091	0.0049	0.0049	0.0049	0.0170	0.0180	0.0121	E
CBB	6	33%	0.0097	0.0100	0.0091	0.0050	0.0049	0.0049	0.0160	0.0190	0.0110	E
RB53	6	17%	0.0097	0.0100	0.0057	0.0049	0.0049	0.0049	0.0050	0.0097	0.0002	E
RB209	6	17%	0.0097	0.0100	0.0066	0.0049	0.0049	0.0049	0.0050	0.0150	0.0001	E
AG143	6	17%	0.0098	0.0100	0.0066	0.0049	0.0049	0.0049	0.0049	0.0150	0.0000	E
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	33%	0.0097	0.0100	0.0091	0.0049	0.0049	0.0049	0.0165	0.0190	0.0116	E
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0062	0.0049	0.0049	0.0049	0.0050	0.0150	0.0002	E
All Puyallup AG Locations	12	8%	0.0097	0.0100	0.0058	0.0049	0.0049	0.0049	0.0049	0.0150	0.0000	E
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	15%	0.0097	0.0100	0.0065	0.0049	0.0049	0.0049	0.0050	0.0190	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	17%	0.0097	0.0120	0.0071	0.0049	0.0049	0.0049	0.0050	0.0190	0.0001	E
All RB Locations	24	8%	0.0097	0.0100	0.0055	0.0049	0.0049	0.0049	0.0050	0.0150	0.0002	E
All AG Locations	24	4%	0.0097	0.0100	0.0053	0.0049	0.0049	0.0049	0.0049	0.0150	0.0001	E
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	7%	0.0097	0.0120	0.0057	0.0049	0.0049	0.0049	0.0049	0.0190	0.0000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-361. Summary statistics for benzo(a)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-361. Summary statistics for benzo(a)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0128	0.0115	0.0060	0.0070	0.0200	0.0210	0.0130	
CBX	6	100%	0.0097	0.0099	0.0121	0.0115	0.0076	0.0098	0.0140	0.0180	0.0042	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0045	0.0049	0.0026	0.0049	0.0049	0.0050	0.0001	E
AG174	6	17%	0.0097	0.0099	0.0057	0.0049	0.0049	0.0049	0.0049	0.0098	0.0001	E
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0124	0.0115	0.0060	0.0087	0.0160	0.0210	0.0073	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0047	0.0049	0.0026	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	8%	0.0097	0.0099	0.0053	0.0049	0.0049	0.0049	0.0049	0.0098	0.0001	E
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	27%	0.0097	0.0120	0.0069	0.0049	0.0026	0.0049	0.0065	0.0210	0.0016	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0100	0.0116	0.0120	0.0049	0.0049	0.0170	0.0190	0.0121	
CBB	6	83%	0.0097	0.0100	0.0167	0.0150	0.0049	0.0120	0.0260	0.0270	0.0140	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	17%	0.0097	0.0100	0.0047	0.0049	0.0035	0.0049	0.0049	0.0050	0.0001	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	75%	0.0097	0.0100	0.0142	0.0140	0.0049	0.0080	0.0180	0.0270	0.0100	
All Puyallup RB Locations	12	8%	0.0097	0.0100	0.0048	0.0049	0.0035	0.0049	0.0050	0.0050	0.0001	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	21%	0.0097	0.0100	0.0072	0.0049	0.0035	0.0049	0.0050	0.0270	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	83%	0.0097	0.0120	0.0133	0.0120	0.0049	0.0087	0.0175	0.0270	0.0088	
All RB Locations	24	8%	0.0097	0.0100	0.0048	0.0049	0.0026	0.0049	0.0049	0.0050	0.0001	E
All AG Locations	24	4%	0.0097	0.0100	0.0051	0.0049	0.0049	0.0049	0.0049	0.0098	0.0001	E
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	24%	0.0097	0.0120	0.0070	0.0049	0.0026	0.0049	0.0050	0.0270	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-362. Summary statistics for benzo(a)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-362. Summary statistics for benzo(a)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	67%	0.0098	0.0250	0.0122	0.0115	0.0034	0.0095	0.0125	0.0250	0.0030	
CBX	6	67%	0.0097	0.0200	0.0105	0.0082	0.0035	0.0049	0.0130	0.0250	0.0081	
RB111	6	0%	0.0097	0.0200						< 0.0200		U
RB202	6	17%	0.0097	0.0200	0.0067	0.0055	0.0049	0.0049	0.0095	0.0100	0.0046	E
AG174	6	0%	0.0097	0.0190						< 0.0190		U
AGG	6	0%	0.0098	0.0200						< 0.0200		U
FB200	6	0%	0.0098	0.0200						< 0.0200		U
FB203	6	0%	0.0098	0.0200						< 0.0200		U
All Snohomish CB Locations	12	67%	0.0097	0.0250	0.0113	0.0105	0.0034	0.0056	0.0127	0.0250	0.0071	
All Snohomish RB Locations	12	8%	0.0097	0.0200	0.0066	0.0050	0.0049	0.0049	0.0095	0.0100	0.0046	E
All Snohomish AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish FB Locations	12	0%	0.0098	0.0200						< 0.0200		U
All Snomomish Locations	48	19%	0.0097	0.0250	0.0078	0.0050	0.0034	0.0049	0.0097	0.0250	0.0049	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0200	0.0121	0.0115	0.0049	0.0080	0.0150	0.0220	0.0070	
CBB	6	83%	0.0097	0.0200	0.0169	0.0110	0.0070	0.0091	0.0310	0.0320	0.0219	
RB53	6	0%	0.0097	0.0200						< 0.0200		U
RB209	6	33%	0.0097	0.0200	0.0066	0.0058	0.0049	0.0049	0.0086	0.0100	0.0037	E
AG143	6	0%	0.0098	0.0200						< 0.0200		U
AG62	6	0%	0.0097	0.0200						< 0.0200		U
FB130	6	0%	0.0097	0.0200						< 0.0200		U
FB372	6	0%	0.0097	0.0200						< 0.0200		U
All Puyallup CB Locations	12	75%	0.0097	0.0200	0.0145	0.0110	0.0049	0.0086	0.0185	0.0320	0.0099	
All Puyallup RB Locations	12	17%	0.0097	0.0200	0.0062	0.0049	0.0049	0.0049	0.0076	0.0100	0.0027	E
All Puyallup AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Puyallup FB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Puyallup Locations	48	23%	0.0097	0.0200	0.0081	0.0050	0.0049	0.0049	0.0100	0.0320	0.0051	E
All Monitoring Locations Combined												
All CB Locations	24	71%	0.0097	0.0250	0.0129	0.0105	0.0034	0.0075	0.0140	0.0320	0.0065	
All RB Locations	24	13%	0.0097	0.0200	0.0064	0.0050	0.0049	0.0049	0.0091	0.0100	0.0042	E
All AG Locations	24	0%	0.0097	0.0200						< 0.0200		U
All FB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All Locations	96	21%	0.0097	0.0250	0.0079	0.0050	0.0034	0.0049	0.0100	0.0320	0.0051	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-363. Summary statistics for benzo(b)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-363. Summary statistics for benzo(b)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0198	0.0200	0.0060	0.0110	0.0250	0.0370	0.0140	
CBX	6	100%	0.0097	0.0099	0.0267	0.0240	0.0120	0.0190	0.0260	0.0550	0.0070	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0046	0.0049	0.0032	0.0049	0.0049	0.0050	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0233	0.0230	0.0060	0.0145	0.0255	0.0550	0.0110	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0048	0.0049	0.0032	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	25%	0.0097	0.0120	0.0095	0.0049	0.0032	0.0049	0.0055	0.0550	0.0006	E
Puyallup Watershed												
CBA	6	100%	0.0098	0.0100	0.0239	0.0255	0.0060	0.0096	0.0350	0.0420	0.0254	
CBB	6	67%	0.0097	0.0100	0.0308	0.0260	0.0049	0.0050	0.0580	0.0650	0.0530	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	67%	0.0097	0.0100	0.0061	0.0060	0.0041	0.0049	0.0076	0.0080	0.0027	
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	83%	0.0097	0.0100	0.0274	0.0260	0.0049	0.0078	0.0385	0.0650	0.0307	
All Puyallup RB Locations	12	33%	0.0097	0.0100	0.0055	0.0049	0.0041	0.0049	0.0060	0.0080	0.0012	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	29%	0.0097	0.0100	0.0107	0.0049	0.0041	0.0049	0.0065	0.0650	0.0016	E
All Monitoring Locations Combined												
All CB Locations	24	88%	0.0097	0.0120	0.0253	0.0230	0.0049	0.0115	0.0335	0.0650	0.0220	
All RB Locations	24	21%	0.0097	0.0100	0.0051	0.0049	0.0032	0.0049	0.0050	0.0080	0.0002	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	27%	0.0097	0.0120	0.0101	0.0049	0.0032	0.0049	0.0060	0.0650	0.0011	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-364. Summary statistics for benzo(ghi)perylene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-364. Summary statistics for benzo(ghi)perylene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	67%	0.0097	0.0120	0.0196	0.0150	0.0049	0.0060	0.0330	0.0440	0.0270	
CBX	6	100%	0.0097	0.0099	0.0223	0.0170	0.0120	0.0140	0.0350	0.0390	0.0210	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0045	0.0049	0.0024	0.0049	0.0049	0.0050	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	83%	0.0097	0.0120	0.0210	0.0160	0.0049	0.0130	0.0340	0.0440	0.0210	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0047	0.0049	0.0024	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish Locations	48	23%	0.0097	0.0120	0.0089	0.0049	0.0024	0.0049	0.0050	0.0440	0.0001	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0100	0.0145	0.0145	0.0049	0.0049	0.0210	0.0270	0.0160	
CBB	6	83%	0.0097	0.0100	0.0250	0.0235	0.0049	0.0120	0.0350	0.0510	0.0230	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	33%	0.0097	0.0100	0.0048	0.0049	0.0031	0.0049	0.0050	0.0059	0.0002	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	75%	0.0097	0.0100	0.0197	0.0190	0.0049	0.0075	0.0275	0.0510	0.0200	
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0048	0.0049	0.0031	0.0049	0.0050	0.0059	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	23%	0.0097	0.0100	0.0086	0.0049	0.0031	0.0049	0.0050	0.0510	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	79%	0.0097	0.0120	0.0204	0.0170	0.0049	0.0110	0.0305	0.0510	0.0195	
All RB Locations	24	13%	0.0097	0.0100	0.0048	0.0049	0.0024	0.0049	0.0050	0.0059	0.0001	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	23%	0.0097	0.0120	0.0087	0.0049	0.0024	0.0049	0.0050	0.0510	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-365. Summary statistics for benzo(k)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-365. Summary statistics for benzo(k)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	50%	0.0097	0.0120	0.0086	0.0077	0.0049	0.0050	0.0130	0.0130	0.0080	E
CBX	6	83%	0.0097	0.0099	0.0112	0.0116	0.0049	0.0081	0.0150	0.0160	0.0069	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0043	0.0049	0.0012	0.0049	0.0049	0.0050	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	67%	0.0097	0.0120	0.0099	0.0094	0.0049	0.0055	0.0135	0.0160	0.0080	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0046	0.0049	0.0012	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	19%	0.0097	0.0120	0.0061	0.0049	0.0012	0.0049	0.0050	0.0160	0.0001	E
Puyallup Watershed												
CBA	6	50%	0.0098	0.0100	0.0089	0.0064	0.0049	0.0049	0.0140	0.0170	0.0091	E
CBB	6	33%	0.0097	0.0100	0.0098	0.0050	0.0049	0.0049	0.0180	0.0210	0.0131	E
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	17%	0.0097	0.0100	0.0044	0.0049	0.0017	0.0049	0.0049	0.0050	0.0001	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	42%	0.0097	0.0100	0.0094	0.0050	0.0049	0.0049	0.0155	0.0210	0.0105	E
All Puyallup RB Locations	12	8%	0.0097	0.0100	0.0046	0.0049	0.0017	0.0049	0.0050	0.0050	0.0001	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	13%	0.0097	0.0100	0.0060	0.0049	0.0017	0.0049	0.0050	0.0210	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	54%	0.0097	0.0120	0.0096	0.0080	0.0049	0.0049	0.0140	0.0210	0.0091	
All RB Locations	24	8%	0.0097	0.0100	0.0046	0.0049	0.0012	0.0049	0.0049	0.0050	0.0001	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	16%	0.0097	0.0120	0.0060	0.0049	0.0012	0.0049	0.0050	0.0210	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-366. Summary statistics for chrysene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-366. Summary statistics for chrysenes concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0212	0.0225	0.0060	0.0110	0.0260	0.0390	0.0150	
CBX	6	100%	0.0097	0.0099	0.0221	0.0195	0.0097	0.0160	0.0220	0.0460	0.0060	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0047	0.0049	0.0034	0.0049	0.0049	0.0050	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0216	0.0200	0.0060	0.0135	0.0255	0.0460	0.0120	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0048	0.0049	0.0034	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	25%	0.0097	0.0120	0.0091	0.0049	0.0034	0.0049	0.0055	0.0460	0.0006	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0100	0.0188	0.0185	0.0049	0.0049	0.0280	0.0380	0.0231	
CBB	6	83%	0.0097	0.0100	0.0277	0.0235	0.0049	0.0081	0.0470	0.0590	0.0389	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	33%	0.0097	0.0100	0.0053	0.0049	0.0041	0.0049	0.0050	0.0080	0.0002	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	75%	0.0097	0.0100	0.0232	0.0185	0.0049	0.0065	0.0340	0.0590	0.0275	
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0051	0.0049	0.0041	0.0049	0.0050	0.0080	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	23%	0.0097	0.0100	0.0096	0.0049	0.0041	0.0049	0.0050	0.0590	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	83%	0.0097	0.0120	0.0224	0.0200	0.0049	0.0104	0.0290	0.0590	0.0187	
All RB Locations	24	13%	0.0097	0.0100	0.0049	0.0049	0.0034	0.0049	0.0050	0.0080	0.0001	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	24%	0.0097	0.0120	0.0093	0.0049	0.0034	0.0049	0.0050	0.0590	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-367. Summary statistics for dibenzo(a,h)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-367. Summary statistics for dibenzo(a,h)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.0097	0.0210	0.0065	0.0055	0.0049	0.0049	0.0080	0.0105	0.0031	E
CBX	6	17%	0.0097	0.0200	0.0063	0.0049	0.0049	0.0049	0.0083	0.0100	0.0034	E
RB111	6	0%	0.0097	0.0190						< 0.0190		U
RB202	6	0%	0.0097	0.0200						< 0.0200		U
AG174	6	0%	0.0097	0.0190						< 0.0190		U
AGG	6	0%	0.0097	0.0200						< 0.0200		U
FB200	6	0%	0.0097	0.0200						< 0.0200		U
FB203	6	0%	0.0097	0.0200						< 0.0200		U
All Snohomish CB Locations	12	17%	0.0097	0.0210	0.0064	0.0049	0.0049	0.0049	0.0082	0.0105	0.0033	E
All Snohomish RB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish FB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snomomish Locations	48	4%	0.0097	0.0210	0.0059	0.0049	0.0049	0.0049	0.0050	0.0105	0.0001	E
Puyallup Watershed												
CBA	6	33%	0.0098	0.0100	0.0054	0.0049	0.0049	0.0049	0.0054	0.0075	0.0005	E
CBB	6	33%	0.0097	0.0100	0.0062	0.0050	0.0049	0.0049	0.0085	0.0090	0.0036	E
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	0%	0.0097	0.0100						< 0.0100		U
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	33%	0.0097	0.0100	0.0058	0.0049	0.0049	0.0049	0.0065	0.0090	0.0015	E
All Puyallup RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	8%	0.0097	0.0100	0.0051	0.0049	0.0049	0.0049	0.0050	0.0090	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	25%	0.0097	0.0210	0.0061	0.0049	0.0049	0.0049	0.0077	0.0105	0.0029	E
All RB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All AG Locations	24	0%	0.0097	0.0200						< 0.0200		U
All FB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All Locations	96	6%	0.0097	0.0210	0.0055	0.0049	0.0049	0.0049	0.0050	0.0105	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-368. Summary statistics for fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	100%	0.0098	0.0098	0.0057	0.0057	0.0054			0.0060		
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	67%	0.0098	0.0098	0.0054	0.0054	0.0049	0.0050	0.0058	0.0060	0.0008	
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	13%	0.0097	0.0110	0.0051	0.0049	0.0049	0.0049	0.0050	0.0060	0.0001	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.0097	0.0098	0.0052	0.0049	0.0049	0.0049	0.0054	0.0060	0.0005	E
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	7%	0.0097	0.0110	0.0050	0.0049	0.0049	0.0049	0.0049	0.0060	0.0000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-368. Summary statistics for fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0333	0.0340	0.0060	0.0260	0.0430	0.0570	0.0170	
CBX	6	100%	0.0097	0.0099	0.0363	0.0340	0.0120	0.0310	0.0450	0.0620	0.0140	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	33%	0.0097	0.0100	0.0048	0.0049	0.0046	0.0046	0.0049	0.0050	0.0003	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0348	0.0340	0.0060	0.0275	0.0440	0.0620	0.0165	
All Snohomish RB Locations	12	17%	0.0097	0.0100	0.0049	0.0049	0.0046	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	27%	0.0097	0.0120	0.0124	0.0049	0.0046	0.0049	0.0055	0.0620	0.0006	E
Puyallup Watershed												
CBA	6	83%	0.0098	0.0330	0.0279	0.0237	0.0110	0.0120	0.0440	0.0530	0.0320	
CBB	6	83%	0.0097	0.0230	0.0369	0.0280	0.0096	0.0115	0.0660	0.0780	0.0545	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	33%	0.0097	0.0100	0.0060	0.0050	0.0049	0.0049	0.0060	0.0100	0.0011	E
AG143	6	17%	0.0098	0.0100	0.0045	0.0049	0.0022	0.0049	0.0049	0.0049	0.0000	E
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	83%	0.0097	0.0330	0.0324	0.0237	0.0096	0.0117	0.0485	0.0780	0.0367	
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0054	0.0049	0.0049	0.0049	0.0050	0.0100	0.0002	E
All Puyallup AG Locations	12	8%	0.0097	0.0100	0.0047	0.0049	0.0022	0.0049	0.0049	0.0050	0.0001	E
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	27%	0.0097	0.0330	0.0119	0.0049	0.0022	0.0049	0.0098	0.0780	0.0049	E
All Monitoring Locations Combined												
All CB Locations	24	88%	0.0097	0.0330	0.0336	0.0310	0.0060	0.0135	0.0445	0.0780	0.0310	
All RB Locations	24	17%	0.0097	0.0100	0.0051	0.0049	0.0046	0.0049	0.0050	0.0100	0.0002	E
All AG Locations	24	4%	0.0097	0.0100	0.0048	0.0049	0.0022	0.0049	0.0049	0.0050	0.0001	E
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	27%	0.0097	0.0330	0.0121	0.0049	0.0022	0.0049	0.0078	0.0780	0.0029	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-369. Summary statistics for fluorene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-369. Summary statistics for fluorene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	33%	0.0097	0.0120	0.0065	0.0055	0.0049	0.0049	0.0083	0.0100	0.0033	E
CBX	6	0%	0.0097	0.0099						< 0.0099		U
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	0%	0.0097	0.0100						< 0.0100		U
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	17%	0.0097	0.0120	0.0057	0.0049	0.0049	0.0049	0.0055	0.0100	0.0006	E
All Snohomish RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	4%	0.0097	0.0120	0.0051	0.0049	0.0049	0.0049	0.0049	0.0100	0.0001	E
Puyallup Watershed												
CBA	6	0%	0.0098	0.0100						< 0.0100		U
CBB	6	17%	0.0097	0.0100	0.0055	0.0049	0.0049	0.0049	0.0050	0.0083	0.0001	E
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	0%	0.0097	0.0100						< 0.0100		U
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	8%	0.0097	0.0100	0.0052	0.0049	0.0049	0.0049	0.0050	0.0083	0.0001	E
All Puyallup RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	2%	0.0097	0.0100	0.0050	0.0049	0.0049	0.0049	0.0050	0.0083	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	13%	0.0097	0.0120	0.0055	0.0049	0.0049	0.0049	0.0050	0.0100	0.0001	E
All RB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	3%	0.0097	0.0120	0.0051	0.0049	0.0049	0.0049	0.0049	0.0100	0.0000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-370. Summary statistics for indeno(1,2,3-cd)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-370. Summary statistics for indeno(1,2,3-cd)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	50%	0.0097	0.0210	0.0133	0.0105	0.0049	0.0060	0.0180	0.0300	0.0120	E
CBX	6	83%	0.0097	0.0250	0.0181	0.0123	0.0094	0.0110	0.0150	0.0490	0.0040	
RB111	6	0%	0.0097	0.0190						< 0.0190		U
RB202	6	17%	0.0097	0.0200	0.0054	0.0049	0.0028	0.0049	0.0050	0.0100	0.0002	E
AG174	6	0%	0.0097	0.0190						< 0.0190		U
AGG	6	0%	0.0097	0.0200						< 0.0200		U
FB200	6	0%	0.0097	0.0200						< 0.0200		U
FB203	6	0%	0.0097	0.0200						< 0.0200		U
All Snohomish CB Locations	12	67%	0.0097	0.0250	0.0157	0.0115	0.0049	0.0097	0.0165	0.0490	0.0068	
All Snohomish RB Locations	12	8%	0.0097	0.0200	0.0056	0.0049	0.0028	0.0049	0.0050	0.0100	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish FB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snomomish Locations	48	19%	0.0097	0.0250	0.0082	0.0049	0.0028	0.0049	0.0100	0.0490	0.0051	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0100	0.0156	0.0155	0.0049	0.0049	0.0200	0.0330	0.0150	
CBB	6	83%	0.0097	0.0100	0.0277	0.0225	0.0049	0.0140	0.0470	0.0550	0.0330	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	33%	0.0097	0.0100	0.0047	0.0049	0.0030	0.0049	0.0050	0.0057	0.0002	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	75%	0.0097	0.0100	0.0217	0.0185	0.0049	0.0095	0.0290	0.0550	0.0195	
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0048	0.0049	0.0030	0.0049	0.0050	0.0057	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	23%	0.0097	0.0100	0.0091	0.0049	0.0030	0.0049	0.0050	0.0550	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	71%	0.0097	0.0250	0.0187	0.0140	0.0049	0.0097	0.0225	0.0550	0.0128	
All RB Locations	24	13%	0.0097	0.0200	0.0052	0.0049	0.0028	0.0049	0.0050	0.0100	0.0002	E
All AG Locations	24	0%	0.0097	0.0200						< 0.0200		U
All FB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All Locations	96	21%	0.0097	0.0250	0.0086	0.0049	0.0028	0.0049	0.0094	0.0550	0.0046	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-371. Summary statistics for naphthalene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0110						< 0.0110		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0110						< 0.0110		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0110						< 0.0110		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-371. Summary statistics for naphthalene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.0097	0.0120	0.0146	0.0050	0.0049	0.0049	0.0060	0.0620	0.0010	E
CBX	6	0%	0.0097	0.0200						< 0.0200		U
RB111	6	17%	0.0097	0.0340	0.0078	0.0052	0.0049	0.0049	0.0099	0.0170	0.0050	E
RB202	6	17%	0.0097	0.0200	0.0066	0.0052	0.0049	0.0049	0.0097	0.0100	0.0048	E
AG174	6	33%	0.0097	0.0160	0.0072	0.0065	0.0049	0.0049	0.0097	0.0110	0.0049	E
AGG	6	17%	0.0097	0.0140	0.0065	0.0057	0.0049	0.0049	0.0070	0.0110	0.0021	E
FB200	6	33%	0.0097	0.0240	0.0089	0.0073	0.0049	0.0049	0.0120	0.0170	0.0071	E
FB203	6	17%	0.0097	0.0300	0.0074	0.0058	0.0049	0.0049	0.0080	0.0150	0.0031	E
All Snohomish CB Locations	12	8%	0.0097	0.0200	0.0102	0.0049	0.0049	0.0049	0.0058	0.0620	0.0008	E
All Snohomish RB Locations	12	17%	0.0097	0.0340	0.0072	0.0052	0.0049	0.0049	0.0098	0.0170	0.0049	E
All Snohomish AG Locations	12	25%	0.0097	0.0160	0.0069	0.0057	0.0049	0.0049	0.0089	0.0110	0.0040	E
All Snohomish FB Locations	12	25%	0.0097	0.0300	0.0081	0.0058	0.0049	0.0049	0.0109	0.0170	0.0060	E
All Snomomish Locations	48	19%	0.0097	0.0340	0.0081	0.0050	0.0049	0.0049	0.0097	0.0620	0.0048	E
Puyallup Watershed												
CBA	6	17%	0.0098	0.0180	0.0093	0.0055	0.0049	0.0049	0.0090	0.0260	0.0041	E
CBB	6	17%	0.0097	0.0110	0.0086	0.0050	0.0049	0.0049	0.0055	0.0260	0.0005	E
RB53	6	17%	0.0097	0.0120	0.0071	0.0049	0.0049	0.0049	0.0060	0.0170	0.0012	E
RB209	6	17%	0.0097	0.0160	0.0096	0.0050	0.0049	0.0049	0.0080	0.0300	0.0031	E
AG143	6	17%	0.0098	0.0100	0.0056	0.0049	0.0049	0.0049	0.0049	0.0091	0.0000	E
AG62	6	17%	0.0097	0.0120	0.0066	0.0049	0.0049	0.0049	0.0060	0.0140	0.0012	E
FB130	6	17%	0.0097	0.0120	0.0060	0.0049	0.0049	0.0049	0.0060	0.0100	0.0011	E
FB372	6	17%	0.0097	0.0100	0.0061	0.0050	0.0049	0.0049	0.0050	0.0120	0.0001	E
All Puyallup CB Locations	12	17%	0.0097	0.0180	0.0089	0.0050	0.0049	0.0049	0.0075	0.0260	0.0026	E
All Puyallup RB Locations	12	17%	0.0097	0.0160	0.0084	0.0050	0.0049	0.0049	0.0070	0.0300	0.0021	E
All Puyallup AG Locations	12	17%	0.0097	0.0120	0.0061	0.0049	0.0049	0.0049	0.0055	0.0140	0.0006	E
All Puyallup FB Locations	12	17%	0.0097	0.0120	0.0060	0.0049	0.0049	0.0049	0.0055	0.0120	0.0006	E
All Puyallup Locations	48	17%	0.0097	0.0180	0.0074	0.0049	0.0049	0.0049	0.0060	0.0300	0.0011	E
All Monitoring Locations Combined												
All CB Locations	24	13%	0.0097	0.0200	0.0096	0.0050	0.0049	0.0049	0.0060	0.0620	0.0010	E
All RB Locations	24	17%	0.0097	0.0340	0.0078	0.0050	0.0049	0.0049	0.0089	0.0300	0.0040	E
All AG Locations	24	21%	0.0097	0.0160	0.0065	0.0049	0.0049	0.0049	0.0075	0.0140	0.0026	E
All FB Locations	24	21%	0.0097	0.0300	0.0071	0.0050	0.0049	0.0049	0.0089	0.0170	0.0039	E
All Locations	96	18%	0.0097	0.0340	0.0077	0.0049	0.0049	0.0049	0.0080	0.0620	0.0031	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-372. Summary statistics for phenanthrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	100%	0.0098	0.0098	0.0091	0.0091	0.0083			0.0099		
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	67%	0.0098	0.0098	0.0077	0.0083	0.0049	0.0058	0.0095	0.0099	0.0037	
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	13%	0.0097	0.0110	0.0055	0.0049	0.0049	0.0049	0.0050	0.0099	0.0001	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.0097	0.0098	0.0063	0.0049	0.0049	0.0049	0.0083	0.0099	0.0034	E
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	7%	0.0097	0.0110	0.0052	0.0049	0.0049	0.0049	0.0049	0.0099	0.0000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-372. Summary statistics for phenanthrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0134	0.0135	0.0060	0.0082	0.0140	0.0250	0.0058	
CBX	6	100%	0.0097	0.0099	0.0121	0.0125	0.0046	0.0120	0.0130	0.0180	0.0010	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	0%	0.0097	0.0100						< 0.0100		U
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0127	0.0130	0.0046	0.0101	0.0140	0.0250	0.0039	
All Snohomish RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	23%	0.0097	0.0120	0.0069	0.0049	0.0046	0.0049	0.0050	0.0250	0.0001	E
Puyallup Watershed												
CBA	6	100%	0.0098	0.0100	0.0157	0.0140	0.0073	0.0100	0.0200	0.0290	0.0100	
CBB	6	100%	0.0097	0.0100	0.0190	0.0142	0.0051	0.0062	0.0280	0.0460	0.0218	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	17%	0.0097	0.0100	0.0052	0.0050	0.0049	0.0049	0.0050	0.0062	0.0001	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	100%	0.0097	0.0100	0.0173	0.0140	0.0051	0.0078	0.0240	0.0460	0.0161	
All Puyallup RB Locations	12	8%	0.0097	0.0100	0.0050	0.0049	0.0049	0.0049	0.0050	0.0062	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	27%	0.0097	0.0100	0.0081	0.0049	0.0049	0.0049	0.0057	0.0460	0.0008	E
All Monitoring Locations Combined												
All CB Locations	24	96%	0.0097	0.0120	0.0150	0.0130	0.0046	0.0083	0.0190	0.0460	0.0107	
All RB Locations	24	4%	0.0097	0.0100	0.0050	0.0049	0.0049	0.0049	0.0050	0.0062	0.0002	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	25%	0.0097	0.0120	0.0075	0.0049	0.0046	0.0049	0.0050	0.0460	0.0002	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-373. Summary statistics for pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0200						< 0.0200		U
CBX	1	0%	0.0190	0.0190						< 0.0190		U
RB111	2	0%	0.0110	0.0200						< 0.0200		U
RB202	2	0%	0.0099	0.0200						< 0.0200		U
AG174	2	0%	0.0098	0.0200						< 0.0200		U
AGG	2	0%	0.0098	0.0200						< 0.0200		U
FB200	2	0%	0.0099	0.0200						< 0.0200		U
FB203	2	0%	0.0098	0.0200						< 0.0200		U
All Snohomish CB Locations	3	0%	0.0098	0.0200						< 0.0200		U
All Snohomish RB Locations	4	0%	0.0099	0.0200						< 0.0200		U
All Snohomish AG Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Snohomish FB Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Snomomish Locations	15	0%	0.0098	0.0200						< 0.0200		U
Puyallup Watershed												
CBA	2	50%	0.0098	0.0200	0.0076	0.0076	0.0052			0.0100		E
CBB	1	0%	0.0200	0.0200						< 0.0200		U
RB53	2	0%	0.0098	0.0200						< 0.0200		U
RB209	2	0%	0.0110	0.0200						< 0.0200		U
AG143	2	0%	0.0100	0.0190						< 0.0190		U
AG62	2	0%	0.0100	0.0190						< 0.0190		U
FB130	2	0%	0.0099	0.0200						< 0.0200		U
FB372	2	0%	0.0099	0.0200						< 0.0200		U
All Puyallup CB Locations	3	33%	0.0098	0.0200	0.0084	0.0100	0.0052	0.0064	0.0100	0.0100	0.0036	E
All Puyallup RB Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Puyallup AG Locations	4	0%	0.0100	0.0190						< 0.0190		U
All Puyallup FB Locations	4	0%	0.0099	0.0200						< 0.0200		U
All Puyallup Locations	15	7%	0.0098	0.0200	0.0076	0.0095	0.0049	0.0050	0.0100	0.0100	0.0050	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.0098	0.0200	0.0083	0.0097	0.0049	0.0052	0.0100	0.0100	0.0048	E
All RB Locations	8	0%	0.0098	0.0200						< 0.0200		U
All AG Locations	8	0%	0.0098	0.0200						< 0.0200		U
All FB Locations	8	0%	0.0098	0.0200						< 0.0200		U
All Locations	30	3%	0.0098	0.0200	0.0076	0.0095	0.0049	0.0049	0.0100	0.0100	0.0050	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-373. Summary statistics for pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0345	0.0325	0.0060	0.0270	0.0390	0.0700	0.0120	
CBX	6	100%	0.0097	0.0099	0.0330	0.0290	0.0092	0.0250	0.0430	0.0630	0.0180	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0051	0.0049	0.0049	0.0049	0.0050	0.0058	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0338	0.0295	0.0060	0.0260	0.0410	0.0700	0.0150	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0050	0.0049	0.0049	0.0049	0.0050	0.0058	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	25%	0.0097	0.0120	0.0121	0.0049	0.0049	0.0049	0.0059	0.0700	0.0010	E
Puyallup Watershed												
CBA	6	100%	0.0098	0.0100	0.0245	0.0235	0.0068	0.0110	0.0350	0.0470	0.0240	
CBB	6	100%	0.0097	0.0100	0.0373	0.0280	0.0100	0.0110	0.0660	0.0810	0.0550	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	50%	0.0097	0.0100	0.0056	0.0049	0.0028	0.0049	0.0061	0.0100	0.0012	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	100%	0.0097	0.0100	0.0309	0.0235	0.0068	0.0110	0.0425	0.0810	0.0315	
All Puyallup RB Locations	12	25%	0.0097	0.0100	0.0052	0.0049	0.0028	0.0049	0.0050	0.0100	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	31%	0.0097	0.0100	0.0115	0.0049	0.0028	0.0049	0.0084	0.0810	0.0035	E
All Monitoring Locations Combined												
All CB Locations	24	96%	0.0097	0.0120	0.0323	0.0290	0.0060	0.0145	0.0410	0.0810	0.0265	
All RB Locations	24	17%	0.0097	0.0100	0.0051	0.0049	0.0028	0.0049	0.0050	0.0100	0.0002	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	28%	0.0097	0.0120	0.0118	0.0049	0.0028	0.0049	0.0065	0.0810	0.0016	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-374. Summary statistics for total HPAHs concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0200						< 0.0200		U
CBX	1	0%	0.0190	0.0190						< 0.0190		U
RB111	2	0%	0.0110	0.0200						< 0.0200		U
RB202	2	0%	0.0099	0.0200						< 0.0200		U
AG174	2	0%	0.0098	0.0200						< 0.0200		U
AGG	2	0%	0.0098	0.0200						< 0.0200		U
FB200	2	0%	0.0099	0.0200						< 0.0200		U
FB203	2	0%	0.0098	0.0200						< 0.0200		U
All Snohomish CB Locations	3	0%	0.0098	0.0200						< 0.0200		U
All Snohomish RB Locations	4	0%	0.0099	0.0200						< 0.0200		U
All Snohomish AG Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Snohomish FB Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Snomomish Locations	15	0%	0.0098	0.0200						< 0.0200		U
Puyallup Watershed												
CBA	2	100%	0.0098	0.0200	0.0083	0.0083	0.0060			0.0106		
CBB	1	0%	0.0200	0.0200						< 0.0200		U
RB53	2	0%	0.0098	0.0200						< 0.0200		U
RB209	2	0%	0.0110	0.0200						< 0.0200		U
AG143	2	0%	0.0100	0.0190						< 0.0190		U
AG62	2	0%	0.0100	0.0190						< 0.0190		U
FB130	2	0%	0.0099	0.0200						< 0.0200		U
FB372	2	0%	0.0099	0.0200						< 0.0200		U
All Puyallup CB Locations	3	67%	0.0098	0.0200	0.0089	0.0100	0.0060	0.0070	0.0104	0.0106	0.0034	
All Puyallup RB Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Puyallup AG Locations	4	0%	0.0100	0.0190						< 0.0190		U
All Puyallup FB Locations	4	0%	0.0099	0.0200						< 0.0200		U
All Puyallup Locations	15	13%	0.0098	0.0200	0.0077	0.0095	0.0049	0.0050	0.0100	0.0106	0.0050	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.0098	0.0200	0.0085	0.0097	0.0049	0.0060	0.0100	0.0106	0.0040	E
All RB Locations	8	0%	0.0098	0.0200						< 0.0200		U
All AG Locations	8	0%	0.0098	0.0200						< 0.0200		U
All FB Locations	8	0%	0.0098	0.0200						< 0.0200		U
All Locations	30	7%	0.0098	0.0200	0.0077	0.0095	0.0049	0.0049	0.0100	0.0106	0.0050	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-374. Summary statistics for total HPAHs concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0098	0.0250	0.1622	0.1625	0.0125	0.0820	0.2210	0.3330	0.1390	
CBX	6	100%	0.0097	0.0200	0.1884	0.1510	0.1133	0.1393	0.1945	0.3813	0.0552	
RB111	6	0%	0.0098	0.0200						< 0.0200		U
RB202	6	33%	0.0097	0.0200	0.0118	0.0097	0.0046	0.0050	0.0100	0.0319	0.0050	E
AG174	6	17%	0.0098	0.0190	0.0080	0.0095	0.0049	0.0049	0.0095	0.0098	0.0046	E
AGG	6	0%	0.0098	0.0200						< 0.0200		U
FB200	6	0%	0.0098	0.0200						< 0.0200		U
FB203	6	0%	0.0098	0.0200						< 0.0200		U
All Snohomish CB Locations	12	92%	0.0097	0.0250	0.1753	0.1520	0.0125	0.1263	0.2077	0.3813	0.0815	
All Snohomish RB Locations	12	17%	0.0097	0.0200	0.0096	0.0095	0.0046	0.0050	0.0100	0.0319	0.0050	E
All Snohomish AG Locations	12	8%	0.0098	0.0200	0.0077	0.0095	0.0049	0.0049	0.0096	0.0100	0.0047	E
All Snohomish FB Locations	12	0%	0.0098	0.0200						< 0.0200		U
All Snomomish Locations	48	29%	0.0097	0.0250	0.0500	0.0095	0.0046	0.0050	0.0222	0.3813	0.0172	E
Puyallup Watershed												
CBA	6	100%	0.0098	0.0200	0.1459	0.1516	0.0274	0.0290	0.2120	0.3035	0.1830	
CBB	6	100%	0.0097	0.0200	0.2197	0.1585	0.0196	0.1011	0.4065	0.4740	0.3054	
RB53	6	0%	0.0097	0.0200						< 0.0200		U
RB209	6	67%	0.0097	0.0200	0.0211	0.0104	0.0049	0.0070	0.0381	0.0558	0.0311	
AG143	6	17%	0.0098	0.0200	0.0053	0.0049	0.0022	0.0049	0.0049	0.0100	0.0000	E
AG62	6	0%	0.0097	0.0200						< 0.0200		U
FB130	6	0%	0.0097	0.0200						< 0.0200		U
FB372	6	0%	0.0097	0.0200						< 0.0200		U
All Puyallup CB Locations	12	100%	0.0097	0.0200	0.1828	0.1516	0.0196	0.0650	0.2578	0.4740	0.1927	
All Puyallup RB Locations	12	33%	0.0097	0.0200	0.0134	0.0060	0.0049	0.0049	0.0104	0.0558	0.0055	E
All Puyallup AG Locations	12	8%	0.0097	0.0200	0.0055	0.0049	0.0022	0.0049	0.0050	0.0100	0.0001	E
All Puyallup FB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Puyallup Locations	48	35%	0.0097	0.0200	0.0519	0.0050	0.0022	0.0049	0.0282	0.4740	0.0233	E
All Monitoring Locations Combined												
All CB Locations	24	96%	0.0097	0.0250	0.1790	0.1516	0.0125	0.1072	0.2165	0.4740	0.1093	
All RB Locations	24	25%	0.0097	0.0200	0.0115	0.0082	0.0046	0.0049	0.0100	0.0558	0.0051	E
All AG Locations	24	8%	0.0097	0.0200	0.0066	0.0049	0.0022	0.0049	0.0095	0.0100	0.0046	E
All FB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All Locations	96	32%	0.0097	0.0250	0.0509	0.0095	0.0022	0.0049	0.0282	0.4740	0.0233	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-375. Summary statistics for benzo(a)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-375. Summary statistics for benzo(a)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0128	0.0115	0.0060	0.0070	0.0200	0.0210	0.0130	
CBX	6	100%	0.0097	0.0099	0.0121	0.0115	0.0076	0.0098	0.0140	0.0180	0.0042	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0045	0.0049	0.0026	0.0049	0.0049	0.0050	0.0001	E
AG174	6	17%	0.0097	0.0099	0.0057	0.0049	0.0049	0.0049	0.0049	0.0098	0.0001	E
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0124	0.0115	0.0060	0.0087	0.0160	0.0210	0.0073	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0047	0.0049	0.0026	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	8%	0.0097	0.0099	0.0053	0.0049	0.0049	0.0049	0.0049	0.0098	0.0001	E
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	27%	0.0097	0.0120	0.0069	0.0049	0.0026	0.0049	0.0065	0.0210	0.0016	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0100	0.0116	0.0120	0.0049	0.0049	0.0170	0.0190	0.0121	
CBB	6	83%	0.0097	0.0100	0.0167	0.0150	0.0049	0.0120	0.0260	0.0270	0.0140	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	17%	0.0097	0.0100	0.0047	0.0049	0.0035	0.0049	0.0049	0.0050	0.0001	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	75%	0.0097	0.0100	0.0142	0.0140	0.0049	0.0080	0.0180	0.0270	0.0100	
All Puyallup RB Locations	12	8%	0.0097	0.0100	0.0048	0.0049	0.0035	0.0049	0.0050	0.0050	0.0001	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	21%	0.0097	0.0100	0.0072	0.0049	0.0035	0.0049	0.0050	0.0270	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	83%	0.0097	0.0120	0.0133	0.0120	0.0049	0.0087	0.0175	0.0270	0.0088	
All RB Locations	24	8%	0.0097	0.0100	0.0048	0.0049	0.0026	0.0049	0.0049	0.0050	0.0001	E
All AG Locations	24	4%	0.0097	0.0100	0.0051	0.0049	0.0049	0.0049	0.0049	0.0098	0.0001	E
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	24%	0.0097	0.0120	0.0070	0.0049	0.0026	0.0049	0.0050	0.0270	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-376. Summary statistics for benzo(a)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-376. Summary statistics for benzo(a)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	67%	0.0098	0.0250	0.0122	0.0115	0.0034	0.0095	0.0125	0.0250	0.0030	
CBX	6	67%	0.0097	0.0200	0.0105	0.0082	0.0035	0.0049	0.0130	0.0250	0.0081	
RB111	6	0%	0.0097	0.0200						< 0.0200		U
RB202	6	17%	0.0097	0.0200	0.0067	0.0055	0.0049	0.0049	0.0095	0.0100	0.0046	E
AG174	6	0%	0.0097	0.0190						< 0.0190		U
AGG	6	0%	0.0098	0.0200						< 0.0200		U
FB200	6	0%	0.0098	0.0200						< 0.0200		U
FB203	6	0%	0.0098	0.0200						< 0.0200		U
All Snohomish CB Locations	12	67%	0.0097	0.0250	0.0113	0.0105	0.0034	0.0056	0.0127	0.0250	0.0071	
All Snohomish RB Locations	12	8%	0.0097	0.0200	0.0066	0.0050	0.0049	0.0049	0.0095	0.0100	0.0046	E
All Snohomish AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish FB Locations	12	0%	0.0098	0.0200						< 0.0200		U
All Snomomish Locations	48	19%	0.0097	0.0250	0.0078	0.0050	0.0034	0.0049	0.0097	0.0250	0.0049	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0200	0.0121	0.0115	0.0049	0.0080	0.0150	0.0220	0.0070	
CBB	6	83%	0.0097	0.0200	0.0169	0.0110	0.0070	0.0091	0.0310	0.0320	0.0219	
RB53	6	0%	0.0097	0.0200						< 0.0200		U
RB209	6	33%	0.0097	0.0200	0.0066	0.0058	0.0049	0.0049	0.0086	0.0100	0.0037	E
AG143	6	0%	0.0098	0.0200						< 0.0200		U
AG62	6	0%	0.0097	0.0200						< 0.0200		U
FB130	6	0%	0.0097	0.0200						< 0.0200		U
FB372	6	0%	0.0097	0.0200						< 0.0200		U
All Puyallup CB Locations	12	75%	0.0097	0.0200	0.0145	0.0110	0.0049	0.0086	0.0185	0.0320	0.0099	
All Puyallup RB Locations	12	17%	0.0097	0.0200	0.0062	0.0049	0.0049	0.0049	0.0076	0.0100	0.0027	E
All Puyallup AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Puyallup FB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Puyallup Locations	48	23%	0.0097	0.0200	0.0081	0.0050	0.0049	0.0049	0.0100	0.0320	0.0051	E
All Monitoring Locations Combined												
All CB Locations	24	71%	0.0097	0.0250	0.0129	0.0105	0.0034	0.0075	0.0140	0.0320	0.0065	
All RB Locations	24	13%	0.0097	0.0200	0.0064	0.0050	0.0049	0.0049	0.0091	0.0100	0.0042	E
All AG Locations	24	0%	0.0097	0.0200						< 0.0200		U
All FB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All Locations	96	21%	0.0097	0.0250	0.0079	0.0050	0.0034	0.0049	0.0100	0.0320	0.0051	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-377. Summary statistics for benzo(b)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-377. Summary statistics for benzo(b)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0198	0.0200	0.0060	0.0110	0.0250	0.0370	0.0140	
CBX	6	100%	0.0097	0.0099	0.0267	0.0240	0.0120	0.0190	0.0260	0.0550	0.0070	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0046	0.0049	0.0032	0.0049	0.0049	0.0050	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0233	0.0230	0.0060	0.0145	0.0255	0.0550	0.0110	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0048	0.0049	0.0032	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	25%	0.0097	0.0120	0.0095	0.0049	0.0032	0.0049	0.0055	0.0550	0.0006	E
Puyallup Watershed												
CBA	6	100%	0.0098	0.0100	0.0239	0.0255	0.0060	0.0096	0.0350	0.0420	0.0254	
CBB	6	67%	0.0097	0.0100	0.0308	0.0260	0.0049	0.0050	0.0580	0.0650	0.0530	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	67%	0.0097	0.0100	0.0061	0.0060	0.0041	0.0049	0.0076	0.0080	0.0027	
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	83%	0.0097	0.0100	0.0274	0.0260	0.0049	0.0078	0.0385	0.0650	0.0307	
All Puyallup RB Locations	12	33%	0.0097	0.0100	0.0055	0.0049	0.0041	0.0049	0.0060	0.0080	0.0012	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	29%	0.0097	0.0100	0.0107	0.0049	0.0041	0.0049	0.0065	0.0650	0.0016	E
All Monitoring Locations Combined												
All CB Locations	24	88%	0.0097	0.0120	0.0253	0.0230	0.0049	0.0115	0.0335	0.0650	0.0220	
All RB Locations	24	21%	0.0097	0.0100	0.0051	0.0049	0.0032	0.0049	0.0050	0.0080	0.0002	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	27%	0.0097	0.0120	0.0101	0.0049	0.0032	0.0049	0.0060	0.0650	0.0011	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-378. Summary statistics for benzo(ghi)perylene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-378. Summary statistics for benzo(ghi)perylene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	67%	0.0097	0.0120	0.0196	0.0150	0.0049	0.0060	0.0330	0.0440	0.0270	
CBX	6	100%	0.0097	0.0099	0.0223	0.0170	0.0120	0.0140	0.0350	0.0390	0.0210	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0045	0.0049	0.0024	0.0049	0.0049	0.0050	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	83%	0.0097	0.0120	0.0210	0.0160	0.0049	0.0130	0.0340	0.0440	0.0210	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0047	0.0049	0.0024	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	23%	0.0097	0.0120	0.0089	0.0049	0.0024	0.0049	0.0050	0.0440	0.0001	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0100	0.0145	0.0145	0.0049	0.0049	0.0210	0.0270	0.0160	
CBB	6	83%	0.0097	0.0100	0.0250	0.0235	0.0049	0.0120	0.0350	0.0510	0.0230	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	33%	0.0097	0.0100	0.0048	0.0049	0.0031	0.0049	0.0050	0.0059	0.0002	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	75%	0.0097	0.0100	0.0197	0.0190	0.0049	0.0075	0.0275	0.0510	0.0200	
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0048	0.0049	0.0031	0.0049	0.0050	0.0059	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	23%	0.0097	0.0100	0.0086	0.0049	0.0031	0.0049	0.0050	0.0510	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	79%	0.0097	0.0120	0.0204	0.0170	0.0049	0.0110	0.0305	0.0510	0.0195	
All RB Locations	24	13%	0.0097	0.0100	0.0048	0.0049	0.0024	0.0049	0.0050	0.0059	0.0001	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	23%	0.0097	0.0120	0.0087	0.0049	0.0024	0.0049	0.0050	0.0510	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-379. Summary statistics for benzo(k)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-379. Summary statistics for benzo(k)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	50%	0.0097	0.0120	0.0086	0.0077	0.0049	0.0050	0.0130	0.0130	0.0080	E
CBX	6	83%	0.0097	0.0099	0.0112	0.0116	0.0049	0.0081	0.0150	0.0160	0.0069	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0043	0.0049	0.0012	0.0049	0.0049	0.0050	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	67%	0.0097	0.0120	0.0099	0.0094	0.0049	0.0055	0.0135	0.0160	0.0080	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0046	0.0049	0.0012	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	19%	0.0097	0.0120	0.0061	0.0049	0.0012	0.0049	0.0050	0.0160	0.0001	E
Puyallup Watershed												
CBA	6	50%	0.0098	0.0100	0.0089	0.0064	0.0049	0.0049	0.0140	0.0170	0.0091	E
CBB	6	33%	0.0097	0.0100	0.0098	0.0050	0.0049	0.0049	0.0180	0.0210	0.0131	E
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	17%	0.0097	0.0100	0.0044	0.0049	0.0017	0.0049	0.0049	0.0050	0.0001	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	42%	0.0097	0.0100	0.0094	0.0050	0.0049	0.0049	0.0155	0.0210	0.0105	E
All Puyallup RB Locations	12	8%	0.0097	0.0100	0.0046	0.0049	0.0017	0.0049	0.0050	0.0050	0.0001	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	13%	0.0097	0.0100	0.0060	0.0049	0.0017	0.0049	0.0050	0.0210	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	54%	0.0097	0.0120	0.0096	0.0080	0.0049	0.0049	0.0140	0.0210	0.0091	
All RB Locations	24	8%	0.0097	0.0100	0.0046	0.0049	0.0012	0.0049	0.0049	0.0050	0.0001	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	16%	0.0097	0.0120	0.0060	0.0049	0.0012	0.0049	0.0050	0.0210	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-380. Summary statistics for chrysene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-380. Summary statistics for chrysene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0212	0.0225	0.0060	0.0110	0.0260	0.0390	0.0150	
CBX	6	100%	0.0097	0.0099	0.0221	0.0195	0.0097	0.0160	0.0220	0.0460	0.0060	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0047	0.0049	0.0034	0.0049	0.0049	0.0050	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0216	0.0200	0.0060	0.0135	0.0255	0.0460	0.0120	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0048	0.0049	0.0034	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	25%	0.0097	0.0120	0.0091	0.0049	0.0034	0.0049	0.0055	0.0460	0.0006	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0100	0.0188	0.0185	0.0049	0.0049	0.0280	0.0380	0.0231	
CBB	6	83%	0.0097	0.0100	0.0277	0.0235	0.0049	0.0081	0.0470	0.0590	0.0389	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	33%	0.0097	0.0100	0.0053	0.0049	0.0041	0.0049	0.0050	0.0080	0.0002	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	75%	0.0097	0.0100	0.0232	0.0185	0.0049	0.0065	0.0340	0.0590	0.0275	
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0051	0.0049	0.0041	0.0049	0.0050	0.0080	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	23%	0.0097	0.0100	0.0096	0.0049	0.0041	0.0049	0.0050	0.0590	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	83%	0.0097	0.0120	0.0224	0.0200	0.0049	0.0104	0.0290	0.0590	0.0187	
All RB Locations	24	13%	0.0097	0.0100	0.0049	0.0049	0.0034	0.0049	0.0050	0.0080	0.0001	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	24%	0.0097	0.0120	0.0093	0.0049	0.0034	0.0049	0.0050	0.0590	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-381. Summary statistics for dibenzo(a,h)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-381. Summary statistics for dibenzo(a,h)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.0097	0.0210	0.0065	0.0055	0.0049	0.0049	0.0080	0.0105	0.0031	E
CBX	6	17%	0.0097	0.0200	0.0063	0.0049	0.0049	0.0049	0.0083	0.0100	0.0034	E
RB111	6	0%	0.0097	0.0190						< 0.0190		U
RB202	6	0%	0.0097	0.0200						< 0.0200		U
AG174	6	0%	0.0097	0.0190						< 0.0190		U
AGG	6	0%	0.0097	0.0200						< 0.0200		U
FB200	6	0%	0.0097	0.0200						< 0.0200		U
FB203	6	0%	0.0097	0.0200						< 0.0200		U
All Snohomish CB Locations	12	17%	0.0097	0.0210	0.0064	0.0049	0.0049	0.0049	0.0082	0.0105	0.0033	E
All Snohomish RB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish FB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snomomish Locations	48	4%	0.0097	0.0210	0.0059	0.0049	0.0049	0.0049	0.0050	0.0105	0.0001	E
Puyallup Watershed												
CBA	6	33%	0.0098	0.0100	0.0054	0.0049	0.0049	0.0049	0.0054	0.0075	0.0005	E
CBB	6	33%	0.0097	0.0100	0.0062	0.0050	0.0049	0.0049	0.0085	0.0090	0.0036	E
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	0%	0.0097	0.0100						< 0.0100		U
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	33%	0.0097	0.0100	0.0058	0.0049	0.0049	0.0049	0.0065	0.0090	0.0015	E
All Puyallup RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	8%	0.0097	0.0100	0.0051	0.0049	0.0049	0.0049	0.0050	0.0090	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	25%	0.0097	0.0210	0.0061	0.0049	0.0049	0.0049	0.0077	0.0105	0.0029	E
All RB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All AG Locations	24	0%	0.0097	0.0200						< 0.0200		U
All FB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All Locations	96	6%	0.0097	0.0210	0.0055	0.0049	0.0049	0.0049	0.0050	0.0105	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-382. Summary statistics for fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	100%	0.0098	0.0098	0.0057	0.0057	0.0054			0.0060		
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	67%	0.0098	0.0098	0.0054	0.0054	0.0049	0.0050	0.0058	0.0060	0.0008	
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	13%	0.0097	0.0110	0.0051	0.0049	0.0049	0.0049	0.0050	0.0060	0.0001	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.0097	0.0098	0.0052	0.0049	0.0049	0.0049	0.0054	0.0060	0.0005	E
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	7%	0.0097	0.0110	0.0050	0.0049	0.0049	0.0049	0.0049	0.0060	0.0000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-382. Summary statistics for fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0333	0.0340	0.0060	0.0260	0.0430	0.0570	0.0170	
CBX	6	100%	0.0097	0.0099	0.0363	0.0340	0.0120	0.0310	0.0450	0.0620	0.0140	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	33%	0.0097	0.0100	0.0048	0.0049	0.0046	0.0046	0.0049	0.0050	0.0003	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0348	0.0340	0.0060	0.0275	0.0440	0.0620	0.0165	
All Snohomish RB Locations	12	17%	0.0097	0.0100	0.0049	0.0049	0.0046	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	27%	0.0097	0.0120	0.0124	0.0049	0.0046	0.0049	0.0055	0.0620	0.0006	E
Puyallup Watershed												
CBA	6	83%	0.0098	0.0330	0.0279	0.0237	0.0110	0.0120	0.0440	0.0530	0.0320	
CBB	6	83%	0.0097	0.0230	0.0369	0.0280	0.0096	0.0115	0.0660	0.0780	0.0545	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	33%	0.0097	0.0100	0.0060	0.0050	0.0049	0.0049	0.0060	0.0100	0.0011	E
AG143	6	17%	0.0098	0.0100	0.0045	0.0049	0.0022	0.0049	0.0049	0.0049	0.0000	E
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	83%	0.0097	0.0330	0.0324	0.0237	0.0096	0.0117	0.0485	0.0780	0.0367	
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0054	0.0049	0.0049	0.0049	0.0050	0.0100	0.0002	E
All Puyallup AG Locations	12	8%	0.0097	0.0100	0.0047	0.0049	0.0022	0.0049	0.0049	0.0050	0.0001	E
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	27%	0.0097	0.0330	0.0119	0.0049	0.0022	0.0049	0.0098	0.0780	0.0049	E
All Monitoring Locations Combined												
All CB Locations	24	88%	0.0097	0.0330	0.0336	0.0310	0.0060	0.0135	0.0445	0.0780	0.0310	
All RB Locations	24	17%	0.0097	0.0100	0.0051	0.0049	0.0046	0.0049	0.0050	0.0100	0.0002	E
All AG Locations	24	4%	0.0097	0.0100	0.0048	0.0049	0.0022	0.0049	0.0049	0.0050	0.0001	E
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	27%	0.0097	0.0330	0.0121	0.0049	0.0022	0.0049	0.0078	0.0780	0.0029	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-383. Summary statistics for indeno(1,2,3-cd)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-383. Summary statistics for indeno(1,2,3-cd)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	50%	0.0097	0.0210	0.0133	0.0105	0.0049	0.0060	0.0180	0.0300	0.0120	E
CBX	6	83%	0.0097	0.0250	0.0181	0.0123	0.0094	0.0110	0.0150	0.0490	0.0040	
RB111	6	0%	0.0097	0.0190						< 0.0190		U
RB202	6	17%	0.0097	0.0200	0.0054	0.0049	0.0028	0.0049	0.0050	0.0100	0.0002	E
AG174	6	0%	0.0097	0.0190						< 0.0190		U
AGG	6	0%	0.0097	0.0200						< 0.0200		U
FB200	6	0%	0.0097	0.0200						< 0.0200		U
FB203	6	0%	0.0097	0.0200						< 0.0200		U
All Snohomish CB Locations	12	67%	0.0097	0.0250	0.0157	0.0115	0.0049	0.0097	0.0165	0.0490	0.0068	
All Snohomish RB Locations	12	8%	0.0097	0.0200	0.0056	0.0049	0.0028	0.0049	0.0050	0.0100	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish FB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snomomish Locations	48	19%	0.0097	0.0250	0.0082	0.0049	0.0028	0.0049	0.0100	0.0490	0.0051	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0100	0.0156	0.0155	0.0049	0.0049	0.0200	0.0330	0.0150	
CBB	6	83%	0.0097	0.0100	0.0277	0.0225	0.0049	0.0140	0.0470	0.0550	0.0330	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	33%	0.0097	0.0100	0.0047	0.0049	0.0030	0.0049	0.0050	0.0057	0.0002	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	75%	0.0097	0.0100	0.0217	0.0185	0.0049	0.0095	0.0290	0.0550	0.0195	
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0048	0.0049	0.0030	0.0049	0.0050	0.0057	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	23%	0.0097	0.0100	0.0091	0.0049	0.0030	0.0049	0.0050	0.0550	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	71%	0.0097	0.0250	0.0187	0.0140	0.0049	0.0097	0.0225	0.0550	0.0128	
All RB Locations	24	13%	0.0097	0.0200	0.0052	0.0049	0.0028	0.0049	0.0050	0.0100	0.0002	E
All AG Locations	24	0%	0.0097	0.0200						< 0.0200		U
All FB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All Locations	96	21%	0.0097	0.0250	0.0086	0.0049	0.0028	0.0049	0.0094	0.0550	0.0046	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-384. Summary statistics for pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0200						< 0.0200		U
CBX	1	0%	0.0190	0.0190						< 0.0190		U
RB111	2	0%	0.0110	0.0200						< 0.0200		U
RB202	2	0%	0.0099	0.0200						< 0.0200		U
AG174	2	0%	0.0098	0.0200						< 0.0200		U
AGG	2	0%	0.0098	0.0200						< 0.0200		U
FB200	2	0%	0.0099	0.0200						< 0.0200		U
FB203	2	0%	0.0098	0.0200						< 0.0200		U
All Snohomish CB Locations	3	0%	0.0098	0.0200						< 0.0200		U
All Snohomish RB Locations	4	0%	0.0099	0.0200						< 0.0200		U
All Snohomish AG Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Snohomish FB Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Snomomish Locations	15	0%	0.0098	0.0200						< 0.0200		U
Puyallup Watershed												
CBA	2	50%	0.0098	0.0200	0.0076	0.0076	0.0052			0.0100		E
CBB	1	0%	0.0200	0.0200						< 0.0200		U
RB53	2	0%	0.0098	0.0200						< 0.0200		U
RB209	2	0%	0.0110	0.0200						< 0.0200		U
AG143	2	0%	0.0100	0.0190						< 0.0190		U
AG62	2	0%	0.0100	0.0190						< 0.0190		U
FB130	2	0%	0.0099	0.0200						< 0.0200		U
FB372	2	0%	0.0099	0.0200						< 0.0200		U
All Puyallup CB Locations	3	33%	0.0098	0.0200	0.0084	0.0100	0.0052	0.0064	0.0100	0.0100	0.0036	E
All Puyallup RB Locations	4	0%	0.0098	0.0200						< 0.0200		U
All Puyallup AG Locations	4	0%	0.0100	0.0190						< 0.0190		U
All Puyallup FB Locations	4	0%	0.0099	0.0200						< 0.0200		U
All Puyallup Locations	15	7%	0.0098	0.0200	0.0076	0.0095	0.0049	0.0050	0.0100	0.0100	0.0050	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.0098	0.0200	0.0083	0.0097	0.0049	0.0052	0.0100	0.0100	0.0048	E
All RB Locations	8	0%	0.0098	0.0200						< 0.0200		U
All AG Locations	8	0%	0.0098	0.0200						< 0.0200		U
All FB Locations	8	0%	0.0098	0.0200						< 0.0200		U
All Locations	30	3%	0.0098	0.0200	0.0076	0.0095	0.0049	0.0049	0.0100	0.0100	0.0050	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-384. Summary statistics for pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0345	0.0325	0.0060	0.0270	0.0390	0.0700	0.0120	
CBX	6	100%	0.0097	0.0099	0.0330	0.0290	0.0092	0.0250	0.0430	0.0630	0.0180	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0051	0.0049	0.0049	0.0049	0.0050	0.0058	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0338	0.0295	0.0060	0.0260	0.0410	0.0700	0.0150	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0050	0.0049	0.0049	0.0049	0.0050	0.0058	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	25%	0.0097	0.0120	0.0121	0.0049	0.0049	0.0049	0.0059	0.0700	0.0010	E
Puyallup Watershed												
CBA	6	100%	0.0098	0.0100	0.0245	0.0235	0.0068	0.0110	0.0350	0.0470	0.0240	
CBB	6	100%	0.0097	0.0100	0.0373	0.0280	0.0100	0.0110	0.0660	0.0810	0.0550	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	50%	0.0097	0.0100	0.0056	0.0049	0.0028	0.0049	0.0061	0.0100	0.0012	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	100%	0.0097	0.0100	0.0309	0.0235	0.0068	0.0110	0.0425	0.0810	0.0315	
All Puyallup RB Locations	12	25%	0.0097	0.0100	0.0052	0.0049	0.0028	0.0049	0.0050	0.0100	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	31%	0.0097	0.0100	0.0115	0.0049	0.0028	0.0049	0.0084	0.0810	0.0035	E
All Monitoring Locations Combined												
All CB Locations	24	96%	0.0097	0.0120	0.0323	0.0290	0.0060	0.0145	0.0410	0.0810	0.0265	
All RB Locations	24	17%	0.0097	0.0100	0.0051	0.0049	0.0028	0.0049	0.0050	0.0100	0.0002	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	28%	0.0097	0.0120	0.0118	0.0049	0.0028	0.0049	0.0065	0.0810	0.0016	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-385. Summary statistics for total LPAHs concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	100%	0.0098	0.0098	0.0113	0.0113	0.0099			0.0127		
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0110	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	67%	0.0098	0.0098	0.0092	0.0099	0.0049	0.0062	0.0120	0.0127	0.0058	
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	13%	0.0097	0.0110	0.0058	0.0049	0.0049	0.0049	0.0054	0.0127	0.0005	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.0097	0.0098	0.0070	0.0049	0.0049	0.0049	0.0099	0.0127	0.0050	E
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	7%	0.0097	0.0110	0.0054	0.0049	0.0049	0.0049	0.0049	0.0127	0.0000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-385. Summary statistics for total LPAHs concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0268	0.0190	0.0060	0.0082	0.0250	0.0833	0.0168	
CBX	6	100%	0.0097	0.0099	0.0121	0.0125	0.0046	0.0120	0.0130	0.0180	0.0010	
RB111	6	17%	0.0097	0.0340	0.0078	0.0052	0.0049	0.0049	0.0099	0.0170	0.0050	E
RB202	6	17%	0.0097	0.0200	0.0066	0.0052	0.0049	0.0049	0.0097	0.0100	0.0048	E
AG174	6	33%	0.0097	0.0160	0.0072	0.0065	0.0049	0.0049	0.0097	0.0110	0.0049	E
AGG	6	17%	0.0097	0.0140	0.0065	0.0057	0.0049	0.0049	0.0070	0.0110	0.0021	E
FB200	6	33%	0.0097	0.0240	0.0089	0.0073	0.0049	0.0049	0.0120	0.0170	0.0071	E
FB203	6	17%	0.0097	0.0300	0.0074	0.0058	0.0049	0.0049	0.0080	0.0150	0.0031	E
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0194	0.0130	0.0046	0.0101	0.0210	0.0833	0.0109	
All Snohomish RB Locations	12	17%	0.0097	0.0340	0.0072	0.0052	0.0049	0.0049	0.0098	0.0170	0.0049	E
All Snohomish AG Locations	12	25%	0.0097	0.0160	0.0069	0.0057	0.0049	0.0049	0.0089	0.0110	0.0040	E
All Snohomish FB Locations	12	25%	0.0097	0.0300	0.0081	0.0058	0.0049	0.0049	0.0109	0.0170	0.0060	E
All Snomomish Locations	48	40%	0.0097	0.0340	0.0104	0.0068	0.0046	0.0049	0.0120	0.0833	0.0071	E
Puyallup Watershed												
CBA	6	100%	0.0098	0.0100	0.0259	0.0175	0.0073	0.0100	0.0300	0.0730	0.0200	
CBB	6	100%	0.0097	0.0100	0.0305	0.0142	0.0051	0.0062	0.0440	0.0993	0.0378	
RB53	6	33%	0.0097	0.0100	0.0077	0.0049	0.0049	0.0049	0.0097	0.0170	0.0049	E
RB209	6	33%	0.0097	0.0100	0.0118	0.0050	0.0049	0.0049	0.0062	0.0450	0.0013	E
AG143	6	17%	0.0098	0.0100	0.0081	0.0049	0.0049	0.0049	0.0049	0.0241	0.0000	E
AG62	6	17%	0.0097	0.0120	0.0066	0.0049	0.0049	0.0049	0.0060	0.0140	0.0012	E
FB130	6	17%	0.0098	0.0120	0.0060	0.0049	0.0049	0.0049	0.0060	0.0100	0.0011	E
FB372	6	17%	0.0097	0.0100	0.0061	0.0050	0.0049	0.0049	0.0050	0.0120	0.0001	E
All Puyallup CB Locations	12	100%	0.0097	0.0100	0.0282	0.0175	0.0051	0.0078	0.0370	0.0993	0.0291	
All Puyallup RB Locations	12	33%	0.0097	0.0100	0.0098	0.0050	0.0049	0.0049	0.0080	0.0450	0.0031	E
All Puyallup AG Locations	12	17%	0.0097	0.0120	0.0074	0.0049	0.0049	0.0049	0.0055	0.0241	0.0006	E
All Puyallup FB Locations	12	17%	0.0097	0.0120	0.0060	0.0049	0.0049	0.0049	0.0055	0.0120	0.0006	E
All Puyallup Locations	48	42%	0.0097	0.0120	0.0128	0.0050	0.0049	0.0049	0.0110	0.0993	0.0061	E
All Monitoring Locations Combined												
All CB Locations	24	96%	0.0097	0.0120	0.0238	0.0135	0.0046	0.0083	0.0245	0.0993	0.0162	
All RB Locations	24	25%	0.0097	0.0340	0.0085	0.0050	0.0049	0.0049	0.0097	0.0450	0.0048	E
All AG Locations	24	21%	0.0097	0.0160	0.0071	0.0049	0.0049	0.0049	0.0075	0.0241	0.0026	E
All FB Locations	24	21%	0.0097	0.0300	0.0071	0.0050	0.0049	0.0049	0.0089	0.0170	0.0039	E
All Locations	96	41%	0.0097	0.0340	0.0116	0.0058	0.0046	0.0049	0.0120	0.0993	0.0071	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-386. Summary statistics for acenaphthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	50%	0.0098	0.0098	0.0047	0.0047	0.0044			0.0049		E
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	33%	0.0098	0.0098	0.0047	0.0049	0.0044	0.0045	0.0049	0.0049	0.0004	E
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	7%	0.0097	0.0110	0.0049	0.0049	0.0044	0.0049	0.0049	0.0055	0.0000	E
All Monitoring Locations Combined												
All CB Locations	6	17%	0.0097	0.0098	0.0048	0.0049	0.0044	0.0049	0.0049	0.0049	0.0000	E
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	3%	0.0097	0.0110	0.0049	0.0049	0.0044	0.0049	0.0049	0.0055	0.0000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-386. Summary statistics for acenaphthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0097	0.0120						< 0.0120		U
CBX	6	0%	0.0097	0.0099						< 0.0099		U
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	0%	0.0097	0.0100						< 0.0100		U
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	0%	0.0097	0.0120						< 0.0120		U
All Snohomish RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	0%	0.0097	0.0120						< 0.0120		U
Puyallup Watershed												
CBA	6	0%	0.0098	0.0100						< 0.0100		U
CBB	6	0%	0.0097	0.0100						< 0.0100		U
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	0%	0.0097	0.0100						< 0.0100		U
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	0%	0.0097	0.0100						< 0.0100		U
All Monitoring Locations Combined												
All CB Locations	24	0%	0.0097	0.0120						< 0.0120		U
All RB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	0%	0.0097	0.0120						< 0.0120		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-387. Summary statistics for acenaphthylene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-387. Summary statistics for acenaphthylene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0097	0.0120						< 0.0120		U
CBX	6	0%	0.0097	0.0099						< 0.0099		U
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	0%	0.0097	0.0100						< 0.0100		U
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	0%	0.0097	0.0120						< 0.0120		U
All Snohomish RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	0%	0.0097	0.0120						< 0.0120		U
Puyallup Watershed												
CBA	6	0%	0.0098	0.0100						< 0.0100		U
CBB	5	0%	0.0097	0.0100						< 0.0100		U
RB53	5	0%	0.0097	0.0100						< 0.0100		U
RB209	5	0%	0.0097	0.0100						< 0.0100		U
AG143	5	0%	0.0098	0.0099						< 0.0099		U
AG62	5	0%	0.0097	0.0099						< 0.0099		U
FB130	5	0%	0.0097	0.0099						< 0.0099		U
FB372	5	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	11	0%	0.0097	0.0100						< 0.0100		U
All Puyallup RB Locations	10	0%	0.0097	0.0100						< 0.0100		U
All Puyallup AG Locations	10	0%	0.0097	0.0099						< 0.0099		U
All Puyallup FB Locations	10	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	41	0%	0.0097	0.0100						< 0.0100		U
All Monitoring Locations Combined												
All CB Locations	23	0%	0.0097	0.0120						< 0.0120		U
All RB Locations	22	0%	0.0097	0.0100						< 0.0100		U
All AG Locations	22	0%	0.0097	0.0099						< 0.0099		U
All FB Locations	22	0%	0.0097	0.0100						< 0.0100		U
All Locations	89	0%	0.0097	0.0120						< 0.0120		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-388. Summary statistics for anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-388. Summary statistics for anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	0%	0.0097	0.0120						< 0.0120		U
CBX	6	0%	0.0097	0.0099						< 0.0099		U
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	0%	0.0097	0.0100						< 0.0100		U
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	0%	0.0097	0.0120						< 0.0120		U
All Snohomish RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	0%	0.0097	0.0120						< 0.0120		U
Puyallup Watershed												
CBA	6	33%	0.0098	0.0100	0.0091	0.0049	0.0049	0.0049	0.0170	0.0180	0.0121	E
CBB	6	33%	0.0097	0.0100	0.0091	0.0050	0.0049	0.0049	0.0160	0.0190	0.0110	E
RB53	6	17%	0.0097	0.0100	0.0057	0.0049	0.0049	0.0049	0.0050	0.0097	0.0002	E
RB209	6	17%	0.0097	0.0100	0.0066	0.0049	0.0049	0.0049	0.0050	0.0150	0.0001	E
AG143	6	17%	0.0098	0.0100	0.0066	0.0049	0.0049	0.0049	0.0049	0.0150	0.0000	E
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	33%	0.0097	0.0100	0.0091	0.0049	0.0049	0.0049	0.0165	0.0190	0.0116	E
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0062	0.0049	0.0049	0.0049	0.0050	0.0150	0.0002	E
All Puyallup AG Locations	12	8%	0.0097	0.0100	0.0058	0.0049	0.0049	0.0049	0.0049	0.0150	0.0000	E
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	15%	0.0097	0.0100	0.0065	0.0049	0.0049	0.0049	0.0050	0.0190	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	17%	0.0097	0.0120	0.0071	0.0049	0.0049	0.0049	0.0050	0.0190	0.0001	E
All RB Locations	24	8%	0.0097	0.0100	0.0055	0.0049	0.0049	0.0049	0.0050	0.0150	0.0002	E
All AG Locations	24	4%	0.0097	0.0100	0.0053	0.0049	0.0049	0.0049	0.0049	0.0150	0.0001	E
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	7%	0.0097	0.0120	0.0057	0.0049	0.0049	0.0049	0.0049	0.0190	0.0000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-389. Summary statistics for fluorene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-389. Summary statistics for fluorene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	33%	0.0097	0.0120	0.0065	0.0055	0.0049	0.0049	0.0083	0.0100	0.0033	E
CBX	6	0%	0.0097	0.0099						< 0.0099		U
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	0%	0.0097	0.0100						< 0.0100		U
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	17%	0.0097	0.0120	0.0057	0.0049	0.0049	0.0049	0.0055	0.0100	0.0006	E
All Snohomish RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	4%	0.0097	0.0120	0.0051	0.0049	0.0049	0.0049	0.0049	0.0100	0.0001	E
Puyallup Watershed												
CBA	6	0%	0.0098	0.0100						< 0.0100		U
CBB	6	17%	0.0097	0.0100	0.0055	0.0049	0.0049	0.0049	0.0050	0.0083	0.0001	E
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	0%	0.0097	0.0100						< 0.0100		U
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	8%	0.0097	0.0100	0.0052	0.0049	0.0049	0.0049	0.0050	0.0083	0.0001	E
All Puyallup RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	2%	0.0097	0.0100	0.0050	0.0049	0.0049	0.0049	0.0050	0.0083	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	13%	0.0097	0.0120	0.0055	0.0049	0.0049	0.0049	0.0050	0.0100	0.0001	E
All RB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	3%	0.0097	0.0120	0.0051	0.0049	0.0049	0.0049	0.0049	0.0100	0.0000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-390. Summary statistics for naphthalene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0110						< 0.0110		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0110						< 0.0110		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0110						< 0.0110		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-390. Summary statistics for naphthalene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.0097	0.0120	0.0146	0.0050	0.0049	0.0049	0.0060	0.0620	0.0010	E
CBX	6	0%	0.0097	0.0200						< 0.0200		U
RB111	6	17%	0.0097	0.0340	0.0078	0.0052	0.0049	0.0049	0.0099	0.0170	0.0050	E
RB202	6	17%	0.0097	0.0200	0.0066	0.0052	0.0049	0.0049	0.0097	0.0100	0.0048	E
AG174	6	33%	0.0097	0.0160	0.0072	0.0065	0.0049	0.0049	0.0097	0.0110	0.0049	E
AGG	6	17%	0.0097	0.0140	0.0065	0.0057	0.0049	0.0049	0.0070	0.0110	0.0021	E
FB200	6	33%	0.0097	0.0240	0.0089	0.0073	0.0049	0.0049	0.0120	0.0170	0.0071	E
FB203	6	17%	0.0097	0.0300	0.0074	0.0058	0.0049	0.0049	0.0080	0.0150	0.0031	E
All Snohomish CB Locations	12	8%	0.0097	0.0200	0.0102	0.0049	0.0049	0.0049	0.0058	0.0620	0.0008	E
All Snohomish RB Locations	12	17%	0.0097	0.0340	0.0072	0.0052	0.0049	0.0049	0.0098	0.0170	0.0049	E
All Snohomish AG Locations	12	25%	0.0097	0.0160	0.0069	0.0057	0.0049	0.0049	0.0089	0.0110	0.0040	E
All Snohomish FB Locations	12	25%	0.0097	0.0300	0.0081	0.0058	0.0049	0.0049	0.0109	0.0170	0.0060	E
All Snomomish Locations	48	19%	0.0097	0.0340	0.0081	0.0050	0.0049	0.0049	0.0097	0.0620	0.0048	E
Puyallup Watershed												
CBA	6	17%	0.0098	0.0180	0.0093	0.0055	0.0049	0.0049	0.0090	0.0260	0.0041	E
CBB	6	17%	0.0097	0.0110	0.0086	0.0050	0.0049	0.0049	0.0055	0.0260	0.0005	E
RB53	6	17%	0.0097	0.0120	0.0071	0.0049	0.0049	0.0049	0.0060	0.0170	0.0012	E
RB209	6	17%	0.0097	0.0160	0.0096	0.0050	0.0049	0.0049	0.0080	0.0300	0.0031	E
AG143	6	17%	0.0098	0.0100	0.0056	0.0049	0.0049	0.0049	0.0049	0.0091	0.0000	E
AG62	6	17%	0.0097	0.0120	0.0066	0.0049	0.0049	0.0049	0.0060	0.0140	0.0012	E
FB130	6	17%	0.0097	0.0120	0.0060	0.0049	0.0049	0.0049	0.0060	0.0100	0.0011	E
FB372	6	17%	0.0097	0.0100	0.0061	0.0050	0.0049	0.0049	0.0050	0.0120	0.0001	E
All Puyallup CB Locations	12	17%	0.0097	0.0180	0.0089	0.0050	0.0049	0.0049	0.0075	0.0260	0.0026	E
All Puyallup RB Locations	12	17%	0.0097	0.0160	0.0084	0.0050	0.0049	0.0049	0.0070	0.0300	0.0021	E
All Puyallup AG Locations	12	17%	0.0097	0.0120	0.0061	0.0049	0.0049	0.0049	0.0055	0.0140	0.0006	E
All Puyallup FB Locations	12	17%	0.0097	0.0120	0.0060	0.0049	0.0049	0.0049	0.0055	0.0120	0.0006	E
All Puyallup Locations	48	17%	0.0097	0.0180	0.0074	0.0049	0.0049	0.0049	0.0060	0.0300	0.0011	E
All Monitoring Locations Combined												
All CB Locations	24	13%	0.0097	0.0200	0.0096	0.0050	0.0049	0.0049	0.0060	0.0620	0.0010	E
All RB Locations	24	17%	0.0097	0.0340	0.0078	0.0050	0.0049	0.0049	0.0089	0.0300	0.0040	E
All AG Locations	24	21%	0.0097	0.0160	0.0065	0.0049	0.0049	0.0049	0.0075	0.0140	0.0026	E
All FB Locations	24	21%	0.0097	0.0300	0.0071	0.0050	0.0049	0.0049	0.0089	0.0170	0.0039	E
All Locations	96	18%	0.0097	0.0340	0.0077	0.0049	0.0049	0.0049	0.0080	0.0620	0.0031	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-391. Summary statistics for phenanthrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	100%	0.0098	0.0098	0.0091	0.0091	0.0083			0.0099		
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	67%	0.0098	0.0098	0.0077	0.0083	0.0049	0.0058	0.0095	0.0099	0.0037	
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	13%	0.0097	0.0110	0.0055	0.0049	0.0049	0.0049	0.0050	0.0099	0.0001	E
All Monitoring Locations Combined												
All CB Locations	6	33%	0.0097	0.0098	0.0063	0.0049	0.0049	0.0049	0.0083	0.0099	0.0034	E
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	7%	0.0097	0.0110	0.0052	0.0049	0.0049	0.0049	0.0049	0.0099	0.0000	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-391. Summary statistics for phenanthrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0134	0.0135	0.0060	0.0082	0.0140	0.0250	0.0058	
CBX	6	100%	0.0097	0.0099	0.0121	0.0125	0.0046	0.0120	0.0130	0.0180	0.0010	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	0%	0.0097	0.0100						< 0.0100		U
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0127	0.0130	0.0046	0.0101	0.0140	0.0250	0.0039	
All Snohomish RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	23%	0.0097	0.0120	0.0069	0.0049	0.0046	0.0049	0.0050	0.0250	0.0001	E
Puyallup Watershed												
CBA	6	100%	0.0098	0.0100	0.0157	0.0140	0.0073	0.0100	0.0200	0.0290	0.0100	
CBB	6	100%	0.0097	0.0100	0.0190	0.0142	0.0051	0.0062	0.0280	0.0460	0.0218	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	17%	0.0097	0.0100	0.0052	0.0050	0.0049	0.0049	0.0050	0.0062	0.0001	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	100%	0.0097	0.0100	0.0173	0.0140	0.0051	0.0078	0.0240	0.0460	0.0161	
All Puyallup RB Locations	12	8%	0.0097	0.0100	0.0050	0.0049	0.0049	0.0049	0.0050	0.0062	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	27%	0.0097	0.0100	0.0081	0.0049	0.0049	0.0049	0.0057	0.0460	0.0008	E
All Monitoring Locations Combined												
All CB Locations	24	96%	0.0097	0.0120	0.0150	0.0130	0.0046	0.0083	0.0190	0.0460	0.0107	
All RB Locations	24	4%	0.0097	0.0100	0.0050	0.0049	0.0049	0.0049	0.0050	0.0062	0.0002	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	25%	0.0097	0.0120	0.0075	0.0049	0.0046	0.0049	0.0050	0.0460	0.0002	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-392. Summary statistics for total cPAHs concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-392. Summary statistics for total cPAHs concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0098	0.0250	0.0786	0.0790	0.0125	0.0290	0.0990	0.1730	0.0700	
CBX	6	100%	0.0097	0.0200	0.0967	0.0755	0.0571	0.0653	0.0895	0.2173	0.0242	
RB111	6	0%	0.0098	0.0200						< 0.0200		U
RB202	6	17%	0.0097	0.0200	0.0098	0.0097	0.0049	0.0050	0.0100	0.0191	0.0050	E
AG174	6	17%	0.0098	0.0190	0.0080	0.0095	0.0049	0.0049	0.0095	0.0098	0.0046	E
AGG	6	0%	0.0098	0.0200						< 0.0200		U
FB200	6	0%	0.0098	0.0200						< 0.0200		U
FB203	6	0%	0.0098	0.0200						< 0.0200		U
All Snohomish CB Locations	12	92%	0.0097	0.0250	0.0876	0.0785	0.0125	0.0612	0.0943	0.2173	0.0331	
All Snohomish RB Locations	12	8%	0.0097	0.0200	0.0085	0.0095	0.0049	0.0050	0.0100	0.0191	0.0050	E
All Snohomish AG Locations	12	8%	0.0098	0.0200	0.0077	0.0095	0.0049	0.0049	0.0096	0.0100	0.0047	E
All Snohomish FB Locations	12	0%	0.0098	0.0200						< 0.0200		U
All Snomomish Locations	48	27%	0.0097	0.0250	0.0278	0.0095	0.0049	0.0050	0.0158	0.2173	0.0108	E
Puyallup Watershed												
CBA	6	100%	0.0098	0.0200	0.0834	0.0981	0.0060	0.0096	0.1120	0.1765	0.1024	
CBB	6	83%	0.0097	0.0200	0.1249	0.0865	0.0100	0.0631	0.2395	0.2640	0.1764	
RB53	6	0%	0.0097	0.0200						< 0.0200		U
RB209	6	67%	0.0097	0.0200	0.0138	0.0090	0.0049	0.0070	0.0229	0.0299	0.0159	
AG143	6	0%	0.0098	0.0200						< 0.0200		U
AG62	6	0%	0.0097	0.0200						< 0.0200		U
FB130	6	0%	0.0097	0.0200						< 0.0200		U
FB372	6	0%	0.0097	0.0200						< 0.0200		U
All Puyallup CB Locations	12	92%	0.0097	0.0200	0.1042	0.0906	0.0060	0.0366	0.1443	0.2640	0.1077	
All Puyallup RB Locations	12	33%	0.0097	0.0200	0.0098	0.0060	0.0049	0.0049	0.0100	0.0299	0.0052	E
All Puyallup AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Puyallup FB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Puyallup Locations	48	31%	0.0097	0.0200	0.0314	0.0050	0.0049	0.0049	0.0100	0.2640	0.0051	E
All Monitoring Locations Combined												
All CB Locations	24	92%	0.0097	0.0250	0.0959	0.0845	0.0060	0.0601	0.1105	0.2640	0.0504	
All RB Locations	24	21%	0.0097	0.0200	0.0091	0.0075	0.0049	0.0049	0.0100	0.0299	0.0051	E
All AG Locations	24	4%	0.0097	0.0200	0.0067	0.0049	0.0049	0.0049	0.0095	0.0100	0.0046	E
All FB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All Locations	96	29%	0.0097	0.0250	0.0296	0.0095	0.0049	0.0049	0.0113	0.2640	0.0063	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-393. Summary statistics for benzo(a)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-393. Summary statistics for benzo(a)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0128	0.0115	0.0060	0.0070	0.0200	0.0210	0.0130	
CBX	6	100%	0.0097	0.0099	0.0121	0.0115	0.0076	0.0098	0.0140	0.0180	0.0042	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0045	0.0049	0.0026	0.0049	0.0049	0.0050	0.0001	E
AG174	6	17%	0.0097	0.0099	0.0057	0.0049	0.0049	0.0049	0.0049	0.0098	0.0001	E
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0124	0.0115	0.0060	0.0087	0.0160	0.0210	0.0073	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0047	0.0049	0.0026	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	8%	0.0097	0.0099	0.0053	0.0049	0.0049	0.0049	0.0049	0.0098	0.0001	E
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	27%	0.0097	0.0120	0.0069	0.0049	0.0026	0.0049	0.0065	0.0210	0.0016	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0100	0.0116	0.0120	0.0049	0.0049	0.0170	0.0190	0.0121	
CBB	6	83%	0.0097	0.0100	0.0167	0.0150	0.0049	0.0120	0.0260	0.0270	0.0140	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	17%	0.0097	0.0100	0.0047	0.0049	0.0035	0.0049	0.0049	0.0050	0.0001	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	75%	0.0097	0.0100	0.0142	0.0140	0.0049	0.0080	0.0180	0.0270	0.0100	
All Puyallup RB Locations	12	8%	0.0097	0.0100	0.0048	0.0049	0.0035	0.0049	0.0050	0.0050	0.0001	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	21%	0.0097	0.0100	0.0072	0.0049	0.0035	0.0049	0.0050	0.0270	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	83%	0.0097	0.0120	0.0133	0.0120	0.0049	0.0087	0.0175	0.0270	0.0088	
All RB Locations	24	8%	0.0097	0.0100	0.0048	0.0049	0.0026	0.0049	0.0049	0.0050	0.0001	E
All AG Locations	24	4%	0.0097	0.0100	0.0051	0.0049	0.0049	0.0049	0.0049	0.0098	0.0001	E
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	24%	0.0097	0.0120	0.0070	0.0049	0.0026	0.0049	0.0050	0.0270	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-394. Summary statistics for benzo(a)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-394. Summary statistics for benzo(a)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	67%	0.0098	0.0250	0.0122	0.0115	0.0034	0.0095	0.0125	0.0250	0.0030	
CBX	6	67%	0.0097	0.0200	0.0105	0.0082	0.0035	0.0049	0.0130	0.0250	0.0081	
RB111	6	0%	0.0097	0.0200						< 0.0200		U
RB202	6	17%	0.0097	0.0200	0.0067	0.0055	0.0049	0.0049	0.0095	0.0100	0.0046	E
AG174	6	0%	0.0097	0.0190						< 0.0190		U
AGG	6	0%	0.0098	0.0200						< 0.0200		U
FB200	6	0%	0.0098	0.0200						< 0.0200		U
FB203	6	0%	0.0098	0.0200						< 0.0200		U
All Snohomish CB Locations	12	67%	0.0097	0.0250	0.0113	0.0105	0.0034	0.0056	0.0127	0.0250	0.0071	
All Snohomish RB Locations	12	8%	0.0097	0.0200	0.0066	0.0050	0.0049	0.0049	0.0095	0.0100	0.0046	E
All Snohomish AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish FB Locations	12	0%	0.0098	0.0200						< 0.0200		U
All Snomomish Locations	48	19%	0.0097	0.0250	0.0078	0.0050	0.0034	0.0049	0.0097	0.0250	0.0049	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0200	0.0121	0.0115	0.0049	0.0080	0.0150	0.0220	0.0070	
CBB	6	83%	0.0097	0.0200	0.0169	0.0110	0.0070	0.0091	0.0310	0.0320	0.0219	
RB53	6	0%	0.0097	0.0200						< 0.0200		U
RB209	6	33%	0.0097	0.0200	0.0066	0.0058	0.0049	0.0049	0.0086	0.0100	0.0037	E
AG143	6	0%	0.0098	0.0200						< 0.0200		U
AG62	6	0%	0.0097	0.0200						< 0.0200		U
FB130	6	0%	0.0097	0.0200						< 0.0200		U
FB372	6	0%	0.0097	0.0200						< 0.0200		U
All Puyallup CB Locations	12	75%	0.0097	0.0200	0.0145	0.0110	0.0049	0.0086	0.0185	0.0320	0.0099	
All Puyallup RB Locations	12	17%	0.0097	0.0200	0.0062	0.0049	0.0049	0.0049	0.0076	0.0100	0.0027	E
All Puyallup AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Puyallup FB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Puyallup Locations	48	23%	0.0097	0.0200	0.0081	0.0050	0.0049	0.0049	0.0100	0.0320	0.0051	E
All Monitoring Locations Combined												
All CB Locations	24	71%	0.0097	0.0250	0.0129	0.0105	0.0034	0.0075	0.0140	0.0320	0.0065	
All RB Locations	24	13%	0.0097	0.0200	0.0064	0.0050	0.0049	0.0049	0.0091	0.0100	0.0042	E
All AG Locations	24	0%	0.0097	0.0200						< 0.0200		U
All FB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All Locations	96	21%	0.0097	0.0250	0.0079	0.0050	0.0034	0.0049	0.0100	0.0320	0.0051	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-395. Summary statistics for benzo(b)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-395. Summary statistics for benzo(b)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0198	0.0200	0.0060	0.0110	0.0250	0.0370	0.0140	
CBX	6	100%	0.0097	0.0099	0.0267	0.0240	0.0120	0.0190	0.0260	0.0550	0.0070	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0046	0.0049	0.0032	0.0049	0.0049	0.0050	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0233	0.0230	0.0060	0.0145	0.0255	0.0550	0.0110	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0048	0.0049	0.0032	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	25%	0.0097	0.0120	0.0095	0.0049	0.0032	0.0049	0.0055	0.0550	0.0006	E
Puyallup Watershed												
CBA	6	100%	0.0098	0.0100	0.0239	0.0255	0.0060	0.0096	0.0350	0.0420	0.0254	
CBB	6	67%	0.0097	0.0100	0.0308	0.0260	0.0049	0.0050	0.0580	0.0650	0.0530	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	67%	0.0097	0.0100	0.0061	0.0060	0.0041	0.0049	0.0076	0.0080	0.0027	
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	83%	0.0097	0.0100	0.0274	0.0260	0.0049	0.0078	0.0385	0.0650	0.0307	
All Puyallup RB Locations	12	33%	0.0097	0.0100	0.0055	0.0049	0.0041	0.0049	0.0060	0.0080	0.0012	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	29%	0.0097	0.0100	0.0107	0.0049	0.0041	0.0049	0.0065	0.0650	0.0016	E
All Monitoring Locations Combined												
All CB Locations	24	88%	0.0097	0.0120	0.0253	0.0230	0.0049	0.0115	0.0335	0.0650	0.0220	
All RB Locations	24	21%	0.0097	0.0100	0.0051	0.0049	0.0032	0.0049	0.0050	0.0080	0.0002	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	27%	0.0097	0.0120	0.0101	0.0049	0.0032	0.0049	0.0060	0.0650	0.0011	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-396. Summary statistics for benzo(k)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-396. Summary statistics for benzo(k)fluoranthene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	50%	0.0097	0.0120	0.0086	0.0077	0.0049	0.0050	0.0130	0.0130	0.0080	E
CBX	6	83%	0.0097	0.0099	0.0112	0.0116	0.0049	0.0081	0.0150	0.0160	0.0069	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0043	0.0049	0.0012	0.0049	0.0049	0.0050	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	67%	0.0097	0.0120	0.0099	0.0094	0.0049	0.0055	0.0135	0.0160	0.0080	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0046	0.0049	0.0012	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	19%	0.0097	0.0120	0.0061	0.0049	0.0012	0.0049	0.0050	0.0160	0.0001	E
Puyallup Watershed												
CBA	6	50%	0.0098	0.0100	0.0089	0.0064	0.0049	0.0049	0.0140	0.0170	0.0091	E
CBB	6	33%	0.0097	0.0100	0.0098	0.0050	0.0049	0.0049	0.0180	0.0210	0.0131	E
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	17%	0.0097	0.0100	0.0044	0.0049	0.0017	0.0049	0.0049	0.0050	0.0001	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	42%	0.0097	0.0100	0.0094	0.0050	0.0049	0.0049	0.0155	0.0210	0.0105	E
All Puyallup RB Locations	12	8%	0.0097	0.0100	0.0046	0.0049	0.0017	0.0049	0.0050	0.0050	0.0001	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	13%	0.0097	0.0100	0.0060	0.0049	0.0017	0.0049	0.0050	0.0210	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	54%	0.0097	0.0120	0.0096	0.0080	0.0049	0.0049	0.0140	0.0210	0.0091	
All RB Locations	24	8%	0.0097	0.0100	0.0046	0.0049	0.0012	0.0049	0.0049	0.0050	0.0001	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	16%	0.0097	0.0120	0.0060	0.0049	0.0012	0.0049	0.0050	0.0210	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-397. Summary statistics for chrysene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-397. Summary statistics for chrysen concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	83%	0.0097	0.0120	0.0212	0.0225	0.0060	0.0110	0.0260	0.0390	0.0150	
CBX	6	100%	0.0097	0.0099	0.0221	0.0195	0.0097	0.0160	0.0220	0.0460	0.0060	
RB111	6	0%	0.0097	0.0100						< 0.0100		U
RB202	6	17%	0.0097	0.0100	0.0047	0.0049	0.0034	0.0049	0.0049	0.0050	0.0001	E
AG174	6	0%	0.0097	0.0099						< 0.0099		U
AGG	6	0%	0.0097	0.0099						< 0.0099		U
FB200	6	0%	0.0097	0.0100						< 0.0100		U
FB203	6	0%	0.0097	0.0100						< 0.0100		U
All Snohomish CB Locations	12	92%	0.0097	0.0120	0.0216	0.0200	0.0060	0.0135	0.0255	0.0460	0.0120	
All Snohomish RB Locations	12	8%	0.0097	0.0100	0.0048	0.0049	0.0034	0.0049	0.0049	0.0050	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0099						< 0.0099		U
All Snohomish FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Snomomish Locations	48	25%	0.0097	0.0120	0.0091	0.0049	0.0034	0.0049	0.0055	0.0460	0.0006	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0100	0.0188	0.0185	0.0049	0.0049	0.0280	0.0380	0.0231	
CBB	6	83%	0.0097	0.0100	0.0277	0.0235	0.0049	0.0081	0.0470	0.0590	0.0389	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	33%	0.0097	0.0100	0.0053	0.0049	0.0041	0.0049	0.0050	0.0080	0.0002	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	75%	0.0097	0.0100	0.0232	0.0185	0.0049	0.0065	0.0340	0.0590	0.0275	
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0051	0.0049	0.0041	0.0049	0.0050	0.0080	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	23%	0.0097	0.0100	0.0096	0.0049	0.0041	0.0049	0.0050	0.0590	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	83%	0.0097	0.0120	0.0224	0.0200	0.0049	0.0104	0.0290	0.0590	0.0187	
All RB Locations	24	13%	0.0097	0.0100	0.0049	0.0049	0.0034	0.0049	0.0050	0.0080	0.0001	E
All AG Locations	24	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	24	0%	0.0097	0.0100						< 0.0100		U
All Locations	96	24%	0.0097	0.0120	0.0093	0.0049	0.0034	0.0049	0.0050	0.0590	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-398. Summary statistics for dibenzo(a,h)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-398. Summary statistics for dibenzo(a,h)anthracene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	17%	0.0097	0.0210	0.0065	0.0055	0.0049	0.0049	0.0080	0.0105	0.0031	E
CBX	6	17%	0.0097	0.0200	0.0063	0.0049	0.0049	0.0049	0.0083	0.0100	0.0034	E
RB111	6	0%	0.0097	0.0190						< 0.0190		U
RB202	6	0%	0.0097	0.0200						< 0.0200		U
AG174	6	0%	0.0097	0.0190						< 0.0190		U
AGG	6	0%	0.0097	0.0200						< 0.0200		U
FB200	6	0%	0.0097	0.0200						< 0.0200		U
FB203	6	0%	0.0097	0.0200						< 0.0200		U
All Snohomish CB Locations	12	17%	0.0097	0.0210	0.0064	0.0049	0.0049	0.0049	0.0082	0.0105	0.0033	E
All Snohomish RB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish FB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snomomish Locations	48	4%	0.0097	0.0210	0.0059	0.0049	0.0049	0.0049	0.0050	0.0105	0.0001	E
Puyallup Watershed												
CBA	6	33%	0.0098	0.0100	0.0054	0.0049	0.0049	0.0049	0.0054	0.0075	0.0005	E
CBB	6	33%	0.0097	0.0100	0.0062	0.0050	0.0049	0.0049	0.0085	0.0090	0.0036	E
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	0%	0.0097	0.0100						< 0.0100		U
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	33%	0.0097	0.0100	0.0058	0.0049	0.0049	0.0049	0.0065	0.0090	0.0015	E
All Puyallup RB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	8%	0.0097	0.0100	0.0051	0.0049	0.0049	0.0049	0.0050	0.0090	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	25%	0.0097	0.0210	0.0061	0.0049	0.0049	0.0049	0.0077	0.0105	0.0029	E
All RB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All AG Locations	24	0%	0.0097	0.0200						< 0.0200		U
All FB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All Locations	96	6%	0.0097	0.0210	0.0055	0.0049	0.0049	0.0049	0.0050	0.0105	0.0001	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-399. Summary statistics for indeno(1,2,3-cd)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	0.0098	0.0098						< 0.0098		U
CBX	1	0%	0.0097	0.0097						< 0.0097		U
RB111	2	0%	0.0098	0.0110						< 0.0110		U
RB202	2	0%	0.0099	0.0099						< 0.0099		U
AG174	2	0%	0.0098	0.0099						< 0.0099		U
AGG	2	0%	0.0098	0.0099						< 0.0099		U
FB200	2	0%	0.0099	0.0099						< 0.0099		U
FB203	2	0%	0.0098	0.0098						< 0.0098		U
All Snohomish CB Locations	3	0%	0.0097	0.0098						< 0.0098		U
All Snohomish RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Snohomish AG Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snohomish FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Snomomish Locations	15	0%	0.0097	0.0110						< 0.0110		U
Puyallup Watershed												
CBA	2	0%	0.0098	0.0098						< 0.0098		U
CBB	1	0%	0.0098	0.0098						< 0.0098		U
RB53	2	0%	0.0098	0.0098						< 0.0098		U
RB209	2	0%	0.0098	0.0110						< 0.0110		U
AG143	2	0%	0.0097	0.0100						< 0.0100		U
AG62	2	0%	0.0097	0.0100						< 0.0100		U
FB130	2	0%	0.0098	0.0099						< 0.0099		U
FB372	2	0%	0.0098	0.0099						< 0.0099		U
All Puyallup CB Locations	3	0%	0.0098	0.0098						< 0.0098		U
All Puyallup RB Locations	4	0%	0.0098	0.0110						< 0.0110		U
All Puyallup AG Locations	4	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	4	0%	0.0098	0.0099						< 0.0099		U
All Puyallup Locations	15	0%	0.0097	0.0110						< 0.0110		U
All Monitoring Locations Combined												
All CB Locations	6	0%	0.0097	0.0098						< 0.0098		U
All RB Locations	8	0%	0.0098	0.0110						< 0.0110		U
All AG Locations	8	0%	0.0097	0.0100						< 0.0100		U
All FB Locations	8	0%	0.0098	0.0099						< 0.0099		U
All Locations	30	0%	0.0097	0.0110						< 0.0110		U

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-399. Summary statistics for indeno(1,2,3-cd)pyrene concentrations in ug/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	6	50%	0.0097	0.0210	0.0133	0.0105	0.0049	0.0060	0.0180	0.0300	0.0120	E
CBX	6	83%	0.0097	0.0250	0.0181	0.0123	0.0094	0.0110	0.0150	0.0490	0.0040	
RB111	6	0%	0.0097	0.0190						< 0.0190		U
RB202	6	17%	0.0097	0.0200	0.0054	0.0049	0.0028	0.0049	0.0050	0.0100	0.0002	E
AG174	6	0%	0.0097	0.0190						< 0.0190		U
AGG	6	0%	0.0097	0.0200						< 0.0200		U
FB200	6	0%	0.0097	0.0200						< 0.0200		U
FB203	6	0%	0.0097	0.0200						< 0.0200		U
All Snohomish CB Locations	12	67%	0.0097	0.0250	0.0157	0.0115	0.0049	0.0097	0.0165	0.0490	0.0068	
All Snohomish RB Locations	12	8%	0.0097	0.0200	0.0056	0.0049	0.0028	0.0049	0.0050	0.0100	0.0001	E
All Snohomish AG Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snohomish FB Locations	12	0%	0.0097	0.0200						< 0.0200		U
All Snomomish Locations	48	19%	0.0097	0.0250	0.0082	0.0049	0.0028	0.0049	0.0100	0.0490	0.0051	E
Puyallup Watershed												
CBA	6	67%	0.0098	0.0100	0.0156	0.0155	0.0049	0.0049	0.0200	0.0330	0.0150	
CBB	6	83%	0.0097	0.0100	0.0277	0.0225	0.0049	0.0140	0.0470	0.0550	0.0330	
RB53	6	0%	0.0097	0.0100						< 0.0100		U
RB209	6	33%	0.0097	0.0100	0.0047	0.0049	0.0030	0.0049	0.0050	0.0057	0.0002	E
AG143	6	0%	0.0098	0.0100						< 0.0100		U
AG62	6	0%	0.0097	0.0100						< 0.0100		U
FB130	6	0%	0.0097	0.0100						< 0.0100		U
FB372	6	0%	0.0097	0.0100						< 0.0100		U
All Puyallup CB Locations	12	75%	0.0097	0.0100	0.0217	0.0185	0.0049	0.0095	0.0290	0.0550	0.0195	
All Puyallup RB Locations	12	17%	0.0097	0.0100	0.0048	0.0049	0.0030	0.0049	0.0050	0.0057	0.0002	E
All Puyallup AG Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup FB Locations	12	0%	0.0097	0.0100						< 0.0100		U
All Puyallup Locations	48	23%	0.0097	0.0100	0.0091	0.0049	0.0030	0.0049	0.0050	0.0550	0.0001	E
All Monitoring Locations Combined												
All CB Locations	24	71%	0.0097	0.0250	0.0187	0.0140	0.0049	0.0097	0.0225	0.0550	0.0128	
All RB Locations	24	13%	0.0097	0.0200	0.0052	0.0049	0.0028	0.0049	0.0050	0.0100	0.0002	E
All AG Locations	24	0%	0.0097	0.0200						< 0.0200		U
All FB Locations	24	0%	0.0097	0.0200						< 0.0200		U
All Locations	96	21%	0.0097	0.0250	0.0086	0.0049	0.0028	0.0049	0.0094	0.0550	0.0046	E

ug/L = micrograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-400. Summary statistics for total DiCb concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	19.00	19.00	16.25	16.25	9.50			23.00		E
CBX	1	0%	190.00	190.00						< 190.00		U
RB111	2	50%	19.00	21.00	17.25	17.25	9.50			25.00		E
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	50%	19.00	20.00	24.00	24.00	10.00			38.00		E
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	63.00	190.00						< 190.00		U
All Snohomish CB Locations	3	33%	19.00	190.00	42.50	23.00	9.50	12.88	77.00	95.00	64.12	E
All Snohomish RB Locations	4	25%	19.00	21.00	13.62	10.00	9.50	9.75	17.50	25.00	7.75	E
All Snohomish AG Locations	4	25%	19.00	20.00	16.75	9.75	9.50	9.50	24.00	38.00	14.50	E
All Snohomish FB Locations	4	0%	19.00	190.00						< 190.00		U
All Snohomish Locations	15	20%	19.00	190.00	26.30	10.00	9.50	9.50	29.88	95.00	20.38	E
Puyallup Watershed												
CBA	2	100%	19.00	190.00	18.00	18.00	10.00			26.00		
CBB	1	0%	190.00	190.00						< 190.00		U
RB53	2	0%	19.00	200.00						< 200.00		U
RB209	2	0%	20.00	200.00						< 200.00		U
AG143	2	0%	20.00	190.00						< 190.00		U
AG62	2	0%	21.00	200.00						< 200.00		U
FB130	2	0%	20.00	190.00						< 190.00		U
FB372	2	0%	19.00	190.00						< 190.00		U
All Puyallup CB Locations	3	67%	19.00	190.00	43.67	26.00	10.00	14.00	77.75	95.00	63.75	
All Puyallup RB Locations	4	0%	19.00	200.00						< 200.00		U
All Puyallup AG Locations	4	0%	20.00	200.00						< 200.00		U
All Puyallup FB Locations	4	0%	19.00	190.00						< 190.00		U
All Puyallup Locations	15	13%	19.00	200.00	51.70	26.00	9.50	10.00	95.00	100.00	85.00	E
All Monitoring Locations Combined												
All CB Locations	6	50%	19.00	190.00	43.08	24.50	9.50	10.00	95.00	95.00	85.00	E
All RB Locations	8	13%	19.00	200.00	34.25	10.00	9.50	9.75	62.50	100.00	52.75	E
All AG Locations	8	13%	19.00	200.00	35.31	10.25	9.50	9.75	66.50	100.00	56.75	E
All FB Locations	8	0%	19.00	190.00						< 190.00		U
All Locations	30	17%	19.00	200.00	39.00	10.25	9.50	9.50	95.00	100.00	85.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-400. Summary statistics for total DiCb concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	380.00						< 380.00		U
CBX	3	33%	14.00	660.00	138.00	50.00	34.00	38.00	260.00	330.00	222.00	E
RB111	3	67%	19.00	190.00	94.67	98.00	65.00	73.25	115.25	121.00	42.00	
RB202	3	33%	9.90	200.00	39.17	47.50	20.00	26.88	49.38	50.00	22.50	E
AG174	1	100%	21.00	21.00		140.00						
AGG	1	100%	19.00	19.00		71.00						
FB200	3	33%	9.70	200.00	42.83	49.50	14.00	22.88	61.12	65.00	38.25	E
FB203	3	33%	9.60	190.00	34.33	35.50	18.00	22.38	46.00	49.50	23.62	E
All Snohomish CB Locations	6	17%	10.00	660.00	128.75	85.00	34.00	48.50	190.00	330.00	141.50	E
All Snohomish RB Locations	6	50%	9.90	200.00	66.92	57.50	20.00	47.50	98.00	121.00	50.50	E
All Snohomish AG Locations	2	100%	19.00	21.00	105.50	105.50	71.00			140.00		
All Snohomish FB Locations	6	33%	9.60	200.00	38.58	42.50	14.00	18.00	49.50	65.00	31.50	E
All Snomomish Locations	20	40%	9.60	660.00	80.82	50.00	14.00	41.50	109.00	330.00	67.50	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	57.00	39.00	37.00	37.50	81.00	95.00	43.50	
CBB	3	67%	21.00	99.00	58.83	49.50	30.00	34.88	85.12	97.00	50.25	
RB53	3	33%	21.00	200.00	47.67	26.00	17.00	19.25	81.50	100.00	62.25	E
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	100%	21.00	21.00		43.00						
AG62	1	100%	21.00	21.00		44.00						
FB130	3	67%	21.00	200.00	78.67	100.00	35.00	51.25	100.75	101.00	49.50	
FB372	3	67%	21.00	220.00	78.67	94.00	32.00	47.50	106.00	110.00	58.50	
All Puyallup CB Locations	6	67%	21.00	200.00	57.92	44.25	30.00	37.00	95.00	97.00	58.00	
All Puyallup RB Locations	6	17%	21.00	200.00	49.75	37.00	12.50	17.00	95.00	100.00	78.00	E
All Puyallup AG Locations	2	100%	21.00	21.00	43.50	43.50	43.00			44.00		
All Puyallup FB Locations	6	67%	21.00	220.00	78.67	97.00	32.00	35.00	101.00	110.00	66.00	
All Puyallup Locations	20	55%	21.00	220.00	60.25	46.00	12.50	33.50	96.00	110.00	62.50	
All Monitoring Locations Combined												
All CB Locations	12	42%	10.00	660.00	93.33	49.75	30.00	38.00	108.50	330.00	70.50	E
All RB Locations	12	33%	9.90	200.00	58.33	49.00	12.50	23.00	96.50	121.00	73.50	E
All AG Locations	4	100%	19.00	21.00	74.50	57.50	43.00	43.50	105.50	140.00	62.00	
All FB Locations	12	50%	9.60	220.00	58.62	49.50	14.00	33.50	97.00	110.00	63.50	E
All Locations	40	47%	9.60	660.00	70.54	49.50	12.50	35.25	97.50	330.00	62.25	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-401. Summary statistics for total HpCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	50%	19.00	19.00	58.25	58.25	9.50			107.00		E
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	33%	19.00	19.00	42.00	9.50	9.50	9.50	82.62	107.00	73.12	E
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snohomish Locations	15	7%	19.00	21.00	16.17	9.50	9.50	9.50	10.00	107.00	0.50	E
Puyallup Watershed												
CBA	2	100%	19.00	190.00	133.85	133.85	29.00			238.70		
CBB	1	100%	190.00	190.00		12.00						
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	50%	20.00	190.00	75.50	75.50	10.00			141.00		E
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	100%	19.00	190.00	93.23	29.00	12.00	16.25	186.27	238.70	170.02	
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	25%	20.00	190.00	42.88	10.25	10.00	10.00	75.75	141.00	65.75	E
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	27%	19.00	190.00	35.28	10.00	9.50	9.62	11.62	238.70	2.00	E
All Monitoring Locations Combined												
All CB Locations	6	67%	19.00	190.00	67.62	20.50	9.50	9.50	107.00	238.70	97.50	
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	13%	19.00	190.00	26.25	10.00	9.50	9.50	10.25	141.00	0.75	E
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	17%	19.00	190.00	25.72	10.00	9.50	9.50	10.00	238.70	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-401. Summary statistics for total HpCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	877.67	711.00	525.00	571.50	1225.50	1397.00	654.00	
CBX	3	100%	9.70	200.00	70.00	21.00	19.00	19.50	132.75	170.00	113.25	
RB111	3	33%	19.00	190.00	109.50	95.00	9.50	30.88	191.75	224.00	160.88	E
RB202	3	33%	9.90	200.00	39.32	13.00	4.95	6.96	78.25	100.00	71.29	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	100%	9.70	240.00	473.83	347.50	19.00	21.00	711.00	1397.00	690.00	
All Snohomish RB Locations	6	33%	9.90	200.00	74.41	54.00	4.95	9.50	100.00	224.00	90.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snohomish Locations	20	40%	9.60	240.00	180.65	49.50	4.80	10.00	135.00	1397.00	125.00	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	598.33	523.00	145.00	239.50	976.00	1127.00	736.50	
CBB	3	100%	21.00	99.00	115.00	107.00	22.00	43.25	188.75	216.00	145.50	
RB53	3	33%	21.00	200.00	44.17	22.00	10.50	13.38	80.50	100.00	67.12	E
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	100%	21.00	200.00	356.67	180.50	22.00	107.00	523.00	1127.00	416.00	
All Puyallup RB Locations	6	17%	21.00	200.00	47.67	35.00	10.50	10.50	95.00	100.00	84.50	E
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	35%	21.00	220.00	138.73	48.50	10.50	10.50	108.50	1127.00	98.00	E
All Monitoring Locations Combined												
All CB Locations	12	100%	9.70	240.00	415.25	193.00	19.00	64.50	618.00	1397.00	553.50	
All RB Locations	12	25%	9.90	200.00	61.04	35.00	4.95	10.50	97.50	224.00	87.00	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	38%	9.60	240.00	159.69	49.25	4.80	10.50	108.50	1397.00	98.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-402. Summary statistics for total HxCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	414.00	414.00	111.00			717.00		
CBX	1	100%	190.00	190.00		25.00						
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	50%	19.00	190.00	26.75	26.75	9.50			44.00		E
FB200	2	50%	19.00	190.00	10.25	10.25	9.50			11.00		E
FB203	2	50%	19.00	190.00	23.25	23.25	9.50			37.00		E
All Snohomish CB Locations	3	100%	19.00	190.00	284.33	111.00	25.00	46.50	565.50	717.00	519.00	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	25%	19.00	190.00	18.25	9.75	9.50	9.50	27.00	44.00	17.50	E
All Snohomish FB Locations	4	50%	19.00	190.00	16.75	10.25	9.50	9.50	24.00	37.00	14.50	E
All Snomomish Locations	15	40%	19.00	190.00	68.87	10.00	9.50	9.50	34.00	717.00	24.50	E
Puyallup Watershed												
CBA	2	100%	19.00	190.00	308.00	308.00	133.00			483.00		
CBB	1	100%	190.00	190.00		72.00						
RB53	2	50%	19.00	200.00	30.25	30.25	9.50			51.00		E
RB209	2	50%	20.00	200.00	25.00	25.00	10.00			40.00		E
AG143	2	100%	20.00	190.00	255.50	255.50	143.00			368.00		
AG62	2	50%	21.00	200.00	29.75	29.75	10.50			49.00		E
FB130	2	50%	20.00	190.00	26.50	26.50	10.00			43.00		E
FB372	2	50%	19.00	190.00	26.75	26.75	9.50			44.00		E
All Puyallup CB Locations	3	100%	19.00	190.00	229.33	133.00	72.00	87.25	395.50	483.00	308.25	
All Puyallup RB Locations	4	50%	19.00	200.00	27.62	25.00	9.50	9.75	45.50	51.00	35.75	E
All Puyallup AG Locations	4	75%	20.00	200.00	142.62	96.00	10.50	29.75	255.50	368.00	225.75	
All Puyallup FB Locations	4	50%	19.00	190.00	26.62	26.50	9.50	9.75	43.50	44.00	33.75	E
All Puyallup Locations	15	67%	19.00	200.00	98.37	44.00	9.50	10.12	117.75	483.00	107.63	
All Monitoring Locations Combined												
All CB Locations	6	100%	19.00	190.00	256.83	122.00	25.00	72.00	483.00	717.00	411.00	
All RB Locations	8	25%	19.00	200.00	18.81	10.00	9.50	9.75	25.25	51.00	15.50	E
All AG Locations	8	50%	19.00	200.00	80.44	27.25	9.50	9.75	96.00	368.00	86.25	E
All FB Locations	8	50%	19.00	190.00	21.69	10.50	9.50	9.50	40.00	44.00	30.50	E
All Locations	30	53%	19.00	200.00	83.62	18.00	9.50	10.00	51.00	717.00	41.00	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-402. Summary statistics for total HxCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	5700.33	5152.00	3467.00	3888.25	7649.50	8482.00	3761.25	
CBX	3	100%	9.70	200.00	212.67	132.00	89.00	99.75	345.75	417.00	246.00	
RB111	3	67%	19.00	190.00	170.50	54.00	9.50	20.62	349.50	448.00	328.87	
RB202	3	67%	9.90	200.00	32.32	24.00	4.95	9.71	57.00	68.00	47.29	
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	53.17	49.50	10.00	19.88	87.38	100.00	67.50	E
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	100%	9.70	240.00	2956.50	1942.00	89.00	132.00	5152.00	8482.00	5020.00	
All Snohomish RB Locations	6	67%	9.90	200.00	101.41	39.00	4.95	9.50	68.00	448.00	58.50	
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	17%	9.60	200.00	51.47	49.50	4.80	10.00	95.00	100.00	85.00	E
All Snomomish Locations	20	55%	9.60	240.00	933.81	61.00	4.80	10.25	274.50	8482.00	264.25	
Puyallup Watershed												
CBA	3	100%	21.00	200.00	1095.67	769.00	384.00	480.25	1792.75	2134.00	1312.50	
CBB	3	100%	21.00	99.00	209.00	61.00	58.00	58.75	396.25	508.00	337.50	
RB53	3	33%	21.00	200.00	56.67	48.00	22.00	28.50	87.00	100.00	58.50	E
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	100%	21.00	21.00		31.00						
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	100%	21.00	200.00	652.33	446.00	58.00	61.00	769.00	2134.00	708.00	
All Puyallup RB Locations	6	17%	21.00	200.00	53.92	48.00	10.50	22.00	95.00	100.00	73.00	E
All Puyallup AG Locations	2	50%	21.00	21.00	20.75	20.75	10.50			31.00		E
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	40%	21.00	220.00	230.32	53.50	10.50	26.50	105.00	2134.00	78.50	E
All Monitoring Locations Combined												
All CB Locations	12	100%	9.70	240.00	1804.42	462.50	58.00	110.50	2800.50	8482.00	2690.00	
All RB Locations	12	42%	9.90	200.00	77.66	48.00	4.95	16.25	81.50	448.00	65.25	E
All AG Locations	4	25%	19.00	21.00	15.38	10.50	9.50	10.00	20.75	31.00	10.75	E
All FB Locations	12	8%	9.60	220.00	53.02	49.25	4.80	10.50	97.50	110.00	87.00	E
All Locations	40	47%	9.60	240.00	582.07	56.00	4.80	16.25	121.00	8482.00	104.75	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

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

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-403. Summary statistics for total MoCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	1	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	3	0%	19.00	19.00						< 19.00		U
All Snomomish Locations	14	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	7	0%	19.00	20.00						< 20.00		U
All Locations	29	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-403. Summary statistics for total MoCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound,

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	0%	10.00	240.00						< 240.00		U
CBX	3	0%	9.70	200.00						< 200.00		U
RB111	3	33%	19.00	190.00	48.17	40.00	9.50	17.12	81.25	95.00	64.12	E
RB202	2	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	0%	9.70	240.00						< 240.00		U
All Snohomish RB Locations	5	20%	9.90	200.00	49.89	40.00	4.95	8.36	96.25	100.00	87.89	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snomomish Locations	19	5%	9.60	240.00	47.44	48.50	4.80	6.13	95.00	120.00	88.88	E
Puyallup Watershed												
CBA	3	0%	21.00	200.00						< 200.00		U
CBB	1	100%	96.00	96.00		46.00						
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	4	25%	21.00	200.00	52.88	50.50	10.50	28.25	77.50	100.00	49.25	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	18	6%	21.00	220.00	48.44	47.75	10.50	10.50	95.00	110.00	84.50	E
All Monitoring Locations Combined												
All CB Locations	10	10%	9.70	240.00	53.98	49.25	4.85	10.50	100.00	120.00	89.50	E
All RB Locations	11	9%	9.90	200.00	51.04	48.00	4.95	10.50	95.00	100.00	84.50	E
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	37	5%	9.60	240.00	47.93	48.00	4.80	10.50	95.00	120.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-404. Summary statistics for total NoCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snohomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	0%	19.00	19.00						< 19.00		U
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	0%	19.00	19.00						< 19.00		U
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	0%	19.00	21.00						< 21.00		U
All Monitoring Locations Combined												
All CB Locations	6	0%	19.00	19.00						< 19.00		U
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	0%	19.00	21.00						< 21.00		U

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-404. Summary statistics for total NoCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	67%	10.00	240.00	51.67	24.00	11.00	14.25	96.00	120.00	81.75	
CBX	3	33%	9.70	200.00	54.33	50.00	13.00	22.25	87.50	100.00	65.25	E
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	50%	9.70	240.00	53.00	37.00	11.00	13.00	100.00	120.00	87.00	E
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snohomish Locations	20	15%	9.60	240.00	47.81	49.50	4.80	10.00	95.00	120.00	85.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	22.50	20.00	10.50	12.88	32.75	37.00	19.88	
CBB	3	0%	21.00	99.00						< 99.00		U
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	33%	21.00	200.00	29.25	28.50	10.50	10.50	48.00	49.50	37.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	10%	21.00	220.00	41.80	42.25	10.50	10.50	49.25	110.00	38.75	E
All Monitoring Locations Combined												
All CB Locations	12	42%	9.70	240.00	41.12	30.50	10.50	12.00	49.75	120.00	37.75	E
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	13%	9.60	240.00	44.80	47.75	4.80	10.50	75.00	120.00	64.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-405. Summary statistics for total OcCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	0%	19.00	19.00						< 19.00		U
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	0%	19.00	19.00						< 19.00		U
All Snohomish Locations	15	0%	19.00	21.00						< 21.00		U
Puyallup Watershed												
CBA	2	50%	19.00	190.00	26.25	26.25	9.50			43.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	0%	19.00	20.00						< 20.00		U
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	20.67	9.50	9.50	9.50	34.62	43.00	25.12	E
All Puyallup RB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	7%	19.00	190.00	12.00	10.00	9.50	9.50	10.00	43.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	15.08	9.50	9.50	9.50	9.50	43.00	0.00	E
All RB Locations	8	0%	19.00	21.00						< 21.00		U
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	0%	19.00	20.00						< 20.00		U
All Locations	30	3%	19.00	190.00	10.83	9.50	9.50	9.50	10.00	43.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-405. Summary statistics for total OcCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	71.33	55.00	43.00	46.00	100.75	116.00	54.75	
CBX	3	33%	9.70	200.00	68.33	55.00	50.00	51.25	88.75	100.00	37.50	E
RB111	3	0%	19.00	190.00						< 190.00		U
RB202	3	0%	9.90	200.00						< 200.00		U
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	0%	9.70	200.00						< 200.00		U
FB203	3	0%	9.60	190.00						< 190.00		U
All Snohomish CB Locations	6	67%	9.70	240.00	69.83	55.00	43.00	50.00	100.00	116.00	50.00	
All Snohomish RB Locations	6	0%	9.90	200.00						< 200.00		U
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	0%	9.60	200.00						< 200.00		U
All Snohomish Locations	20	20%	9.60	240.00	52.85	50.00	4.80	10.00	95.00	116.00	85.00	E
Puyallup Watershed												
CBA	3	67%	21.00	200.00	153.17	158.00	10.50	47.38	257.75	291.00	210.38	
CBB	3	33%	21.00	99.00	36.67	49.50	10.50	20.25	49.88	50.00	29.62	E
RB53	3	0%	21.00	200.00						< 200.00		U
RB209	3	0%	21.00	190.00						< 190.00		U
AG143	1	0%	21.00	21.00						< 21.00		U
AG62	1	0%	21.00	21.00						< 21.00		U
FB130	3	0%	21.00	200.00						< 200.00		U
FB372	3	0%	21.00	220.00						< 220.00		U
All Puyallup CB Locations	6	50%	21.00	200.00	94.92	49.75	10.50	10.50	158.00	291.00	147.50	E
All Puyallup RB Locations	6	0%	21.00	200.00						< 200.00		U
All Puyallup AG Locations	2	0%	21.00	21.00						< 21.00		U
All Puyallup FB Locations	6	0%	21.00	220.00						< 220.00		U
All Puyallup Locations	20	15%	21.00	220.00	61.50	48.00	10.50	10.50	97.50	291.00	87.00	E
All Monitoring Locations Combined												
All CB Locations	12	58%	9.70	240.00	82.38	52.50	10.50	46.25	108.00	291.00	61.75	
All RB Locations	12	0%	9.90	200.00						< 200.00		U
All AG Locations	4	0%	19.00	21.00						< 21.00		U
All FB Locations	12	0%	9.60	220.00						< 220.00		U
All Locations	40	17%	9.60	240.00	57.18	49.50	4.80	10.50	95.00	291.00	84.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-406. Summary statistics for total PeCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	377.40	377.40	249.80			505.00		
CBX	1	100%	190.00	190.00		64.00						
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	50%	19.00	190.00	26.75	26.75	9.50			44.00		E
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	50%	19.00	190.00	25.75	25.75	9.50			42.00		E
All Snohomish CB Locations	3	100%	19.00	190.00	272.93	249.80	64.00	110.45	441.20	505.00	330.75	
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	25%	19.00	190.00	18.25	9.75	9.50	9.50	27.00	44.00	17.50	E
All Snohomish FB Locations	4	25%	19.00	190.00	17.62	9.50	9.50	9.50	25.75	42.00	16.25	E
All Snomomish Locations	15	33%	19.00	190.00	66.82	10.00	9.50	9.50	43.50	505.00	34.00	E
Puyallup Watershed												
CBA	2	100%	19.00	190.00	262.00	262.00	122.00			402.00		
CBB	1	100%	190.00	190.00		101.00						
RB53	2	50%	19.00	200.00	54.25	54.25	9.50			99.00		E
RB209	2	50%	20.00	200.00	37.00	37.00	10.00			64.00		E
AG143	2	100%	20.00	190.00	262.50	262.50	225.00			300.00		
AG62	2	50%	21.00	200.00	46.75	46.75	10.50			83.00		E
FB130	2	50%	20.00	190.00	35.00	35.00	10.00			60.00		E
FB372	2	50%	19.00	190.00	31.75	31.75	9.50			54.00		E
All Puyallup CB Locations	3	100%	19.00	190.00	208.33	122.00	101.00	106.25	332.00	402.00	225.75	
All Puyallup RB Locations	4	50%	19.00	200.00	45.62	37.00	9.50	9.75	81.50	99.00	71.75	E
All Puyallup AG Locations	4	75%	20.00	200.00	154.62	154.00	10.50	46.75	262.50	300.00	215.75	
All Puyallup FB Locations	4	50%	19.00	190.00	33.38	32.00	9.50	9.75	57.00	60.00	47.25	E
All Puyallup Locations	15	67%	19.00	200.00	103.97	64.00	9.50	10.12	116.75	402.00	106.63	
All Monitoring Locations Combined												
All CB Locations	6	100%	19.00	190.00	240.63	185.90	64.00	101.00	402.00	505.00	301.00	
All RB Locations	8	25%	19.00	200.00	27.81	10.00	9.50	9.75	37.25	99.00	27.50	E
All AG Locations	8	50%	19.00	200.00	86.44	27.25	9.50	9.75	154.00	300.00	144.25	E
All FB Locations	8	38%	19.00	190.00	25.50	9.75	9.50	9.50	48.00	60.00	38.50	E
All Locations	30	50%	19.00	200.00	85.39	26.25	9.50	9.50	99.00	505.00	89.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-406. Summary statistics for total PeCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	8611.00	6002.00	5901.00	5926.25	11948.00	13930.00	6021.75	
CBX	3	100%	9.70	200.00	190.00	103.00	23.00	43.00	358.75	444.00	315.75	
RB111	3	67%	19.00	190.00	241.50	336.00	9.50	91.13	368.25	379.00	277.12	
RB202	3	67%	9.90	200.00	61.32	28.00	4.95	10.71	120.25	151.00	109.54	
AG174	1	0%	21.00	23.00						< 23.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	31.45	40.00	4.85	13.64	47.12	49.50	33.49	E
FB203	3	33%	9.60	190.00	38.43	49.50	4.80	15.98	58.12	61.00	42.15	E
All Snohomish CB Locations	6	100%	9.70	240.00	4400.50	3172.50	23.00	103.00	6002.00	13930.00	5899.00	
All Snohomish RB Locations	6	67%	9.90	200.00	151.41	89.50	4.95	9.50	336.00	379.00	326.50	
All Snohomish AG Locations	2	0%	19.00	23.00						< 23.00		U
All Snohomish FB Locations	6	33%	9.60	200.00	34.94	44.75	4.80	4.85	49.50	61.00	44.65	E
All Snomomish Locations	20	60%	9.60	240.00	1377.10	49.50	4.80	10.50	357.50	13930.00	347.00	
Puyallup Watershed												
CBA	3	100%	21.00	200.00	961.33	690.00	559.00	591.75	1398.75	1635.00	807.00	
CBB	3	100%	21.00	99.00	424.00	248.00	244.00	245.00	647.00	780.00	402.00	
RB53	3	100%	21.00	200.00	172.00	227.00	13.00	66.50	263.75	276.00	197.25	
RB209	3	67%	21.00	190.00	57.53	52.60	25.00	31.90	84.40	95.00	52.50	
AG143	1	100%	21.00	21.00		272.00						
AG62	1	100%	21.00	21.00		128.00						
FB130	3	67%	21.00	200.00	110.27	100.80	100.00	100.20	122.70	130.00	22.50	
FB372	3	67%	21.00	220.00	125.67	130.00	110.00	115.00	135.25	137.00	20.25	
All Puyallup CB Locations	6	100%	21.00	200.00	692.67	624.50	244.00	248.00	780.00	1635.00	532.00	
All Puyallup RB Locations	6	83%	21.00	200.00	114.77	73.80	13.00	25.00	227.00	276.00	202.00	
All Puyallup AG Locations	2	100%	21.00	21.00	200.00	200.00	128.00			272.00		
All Puyallup FB Locations	6	67%	21.00	220.00	117.97	120.00	100.00	100.80	130.00	137.00	29.20	
All Puyallup Locations	20	85%	21.00	220.00	297.62	133.50	13.00	100.40	274.00	1635.00	173.60	
All Monitoring Locations Combined												
All CB Locations	12	100%	9.70	240.00	2546.58	624.50	23.00	246.00	3768.00	13930.00	3522.00	
All RB Locations	12	75%	9.90	200.00	133.09	73.80	4.95	19.00	251.50	379.00	232.50	
All AG Locations	4	50%	19.00	23.00	105.25	69.75	9.50	10.50	200.00	272.00	189.50	E
All FB Locations	12	50%	9.60	220.00	76.45	80.50	4.80	44.75	120.00	137.00	75.25	E
All Locations	40	73%	9.60	240.00	837.36	119.00	4.80	34.00	306.00	13930.00	272.00	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-407. Summary statistics for total TeCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	100%	19.00	190.00	21.00	21.00	12.00			30.00		
CBX	1	100%	190.00	190.00		18.00						
RB111	2	0%	19.00	840.00						< 840.00		U
RB202	2	0%	20.00	790.00						< 790.00		U
AG174	2	0%	19.00	760.00						< 760.00		U
AGG	2	50%	19.00	640.00	167.00	167.00	14.00			320.00		E
FB200	2	0%	19.00	730.00						< 730.00		U
FB203	2	50%	19.00	230.00	68.00	68.00	21.00			115.00		E
All Snohomish CB Locations	3	100%	19.00	190.00	20.00	18.00	12.00	13.50	27.00	30.00	13.50	
All Snohomish RB Locations	4	0%	19.00	840.00						< 840.00		U
All Snohomish AG Locations	4	25%	19.00	760.00	181.00	167.00	10.00	12.00	350.00	380.00	338.00	E
All Snohomish FB Locations	4	25%	19.00	730.00	127.62	68.00	9.50	15.25	240.00	365.00	224.75	E
All Snomomish Locations	15	33%	19.00	840.00	141.93	21.00	9.50	10.50	353.75	420.00	343.25	E
Puyallup Watershed												
CBA	2	50%	19.00	860.00	288.35	288.35	146.70			430.00		E
CBB	1	100%	190.00	190.00		45.00						
RB53	2	50%	19.00	660.00	196.45	196.45	62.90			330.00		E
RB209	2	50%	20.00	820.00	220.00	220.00	30.00			410.00		E
AG143	2	100%	20.00	190.00	48.50	48.50	42.00			55.00		
AG62	2	50%	21.00	800.00	213.50	213.50	27.00			400.00		E
FB130	2	50%	20.00	740.00	192.50	192.50	15.00			370.00		E
FB372	2	50%	19.00	660.00	178.00	178.00	26.00			330.00		E
All Puyallup CB Locations	3	67%	19.00	860.00	207.23	146.70	45.00	70.43	359.17	430.00	288.75	
All Puyallup RB Locations	4	50%	19.00	820.00	208.23	196.45	30.00	46.45	370.00	410.00	323.55	E
All Puyallup AG Locations	4	75%	20.00	800.00	131.00	48.50	27.00	34.50	227.50	400.00	193.00	
All Puyallup FB Locations	4	50%	19.00	740.00	185.25	178.00	15.00	20.50	350.00	370.00	329.50	E
All Puyallup Locations	15	60%	19.00	860.00	181.31	62.90	15.00	33.00	360.00	430.00	327.00	
All Monitoring Locations Combined												
All CB Locations	6	83%	19.00	860.00	113.62	37.50	12.00	18.00	146.70	430.00	128.70	
All RB Locations	8	25%	19.00	840.00	208.43	196.45	9.50	20.00	402.50	420.00	382.50	E
All AG Locations	8	50%	19.00	800.00	156.00	48.50	10.00	20.50	350.00	400.00	329.50	E
All FB Locations	8	38%	19.00	740.00	156.44	70.50	9.50	18.00	347.50	370.00	329.50	E
All Locations	30	47%	19.00	860.00	161.62	50.00	9.50	18.00	365.00	430.00	347.00	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-407. Summary statistics for total TeCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	2057.33	1664.00	1181.00	1301.75	2911.25	3327.00	1609.50	
CBX	3	67%	9.70	200.00	160.67	50.00	40.00	42.50	306.50	392.00	264.00	
RB111	3	67%	19.00	190.00	379.83	339.00	9.50	91.88	678.00	791.00	586.12	
RB202	3	33%	9.90	200.00	64.98	50.00	4.95	16.21	117.50	140.00	101.29	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	30.08	35.90	4.85	12.61	46.10	49.50	33.49	E
FB203	3	33%	9.60	190.00	39.77	49.50	4.80	15.98	61.12	65.00	45.15	E
All Snohomish CB Locations	6	83%	9.70	240.00	1109.00	786.50	40.00	50.00	1664.00	3327.00	1614.00	
All Snohomish RB Locations	6	50%	9.90	200.00	222.41	95.00	4.95	9.50	339.00	791.00	329.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	33%	9.60	200.00	34.92	42.70	4.80	4.85	49.50	65.00	44.65	E
All Snomomish Locations	20	50%	9.60	240.00	410.90	49.75	4.80	10.00	365.50	3327.00	355.50	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	333.50	339.50	137.00	187.62	477.88	524.00	290.25	
CBB	3	100%	21.00	99.00	101.00	123.00	54.00	71.25	125.25	126.00	54.00	
RB53	3	67%	21.00	200.00	91.33	100.00	44.00	58.00	122.50	130.00	64.50	
RB209	3	33%	21.00	190.00	42.17	21.00	10.50	13.12	76.50	95.00	63.37	E
AG143	1	100%	21.00	21.00		121.00						
AG62	1	100%	21.00	21.00		36.00						
FB130	3	67%	21.00	200.00	95.33	100.00	37.00	52.75	136.75	149.00	84.00	
FB372	3	67%	21.00	220.00	104.33	110.00	29.00	49.25	158.00	174.00	108.75	
All Puyallup CB Locations	6	100%	21.00	200.00	217.25	131.50	54.00	123.00	339.50	524.00	216.50	
All Puyallup RB Locations	6	50%	21.00	200.00	66.75	69.50	10.50	21.00	100.00	130.00	79.00	E
All Puyallup AG Locations	2	100%	21.00	21.00	78.50	78.50	36.00			121.00		
All Puyallup FB Locations	6	67%	21.00	220.00	99.83	105.00	29.00	37.00	149.00	174.00	112.00	
All Puyallup Locations	20	75%	21.00	220.00	123.00	105.00	10.50	40.50	133.50	524.00	93.00	
All Monitoring Locations Combined												
All CB Locations	12	92%	9.70	240.00	663.12	238.25	40.00	88.50	852.50	3327.00	764.00	
All RB Locations	12	50%	9.90	200.00	144.58	72.50	4.95	15.75	135.00	791.00	119.25	E
All AG Locations	4	50%	19.00	21.00	44.25	23.25	9.50	10.00	78.50	121.00	68.50	E
All FB Locations	12	50%	9.60	220.00	67.38	49.50	4.80	32.45	105.00	174.00	72.55	E
All Locations	40	63%	9.60	240.00	266.95	80.00	4.80	35.95	144.50	3327.00	108.55	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-408. Summary statistics for total TrCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	2	0%	19.00	19.00						< 19.00		U
CBX	1	0%	19.00	19.00						< 19.00		U
RB111	2	0%	19.00	21.00						< 21.00		U
RB202	2	0%	20.00	20.00						< 20.00		U
AG174	2	0%	19.00	20.00						< 20.00		U
AGG	2	0%	19.00	19.00						< 19.00		U
FB200	2	0%	19.00	19.00						< 19.00		U
FB203	2	50%	19.00	19.00	17.75	17.75	9.50			26.00		E
All Snohomish CB Locations	3	0%	19.00	19.00						< 19.00		U
All Snohomish RB Locations	4	0%	19.00	21.00						< 21.00		U
All Snohomish AG Locations	4	0%	19.00	20.00						< 20.00		U
All Snohomish FB Locations	4	25%	19.00	19.00	13.62	9.50	9.50	9.50	17.75	26.00	8.25	E
All Snohomish Locations	15	7%	19.00	21.00	10.77	9.50	9.50	9.50	10.00	26.00	0.50	E
Puyallup Watershed												
CBA	2	50%	19.00	190.00	18.75	18.75	9.50			28.00		E
CBB	1	0%	19.00	19.00						< 19.00		U
RB53	2	50%	19.00	200.00	10.25	10.25	9.50			11.00		E
RB209	2	0%	20.00	20.00						< 20.00		U
AG143	2	0%	19.00	20.00						< 20.00		U
AG62	2	0%	20.00	21.00						< 21.00		U
FB130	2	0%	19.00	20.00						< 20.00		U
FB372	2	0%	19.00	19.00						< 19.00		U
All Puyallup CB Locations	3	33%	19.00	190.00	15.67	9.50	9.50	9.50	23.37	28.00	13.88	E
All Puyallup RB Locations	4	25%	19.00	200.00	10.12	10.00	9.50	9.75	10.50	11.00	0.75	E
All Puyallup AG Locations	4	0%	19.00	21.00						< 21.00		U
All Puyallup FB Locations	4	0%	19.00	20.00						< 20.00		U
All Puyallup Locations	15	13%	19.00	200.00	11.07	10.00	9.50	9.50	10.00	28.00	0.50	E
All Monitoring Locations Combined												
All CB Locations	6	17%	19.00	190.00	12.58	9.50	9.50	9.50	9.50	28.00	0.00	E
All RB Locations	8	13%	19.00	200.00	10.06	10.00	9.50	9.75	10.25	11.00	0.50	E
All AG Locations	8	0%	19.00	21.00						< 21.00		U
All FB Locations	8	13%	19.00	20.00	11.62	9.50	9.50	9.50	9.75	26.00	0.25	E
All Locations	30	10%	19.00	200.00	10.92	9.50	9.50	9.50	10.00	28.00	0.50	E

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-408. Summary statistics for total TrCB concentrations in pg/L measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Storm Event												
	n	Percent Detected (%)	Reporting Limit Min	Reporting Limit Max	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed												
CB335	3	100%	10.00	240.00	59.67	57.00	12.00	23.25	96.75	110.00	73.50	
CBX	3	67%	9.70	200.00	123.33	74.00	50.00	56.00	203.00	246.00	147.00	
RB111	3	33%	19.00	190.00	131.83	85.00	9.50	28.38	247.00	301.00	218.62	E
RB202	3	33%	9.90	200.00	53.65	50.00	4.95	16.21	92.00	106.00	75.79	E
AG174	1	0%	21.00	21.00						< 21.00		U
AGG	1	0%	19.00	19.00						< 19.00		U
FB200	3	33%	9.70	200.00	21.45	10.00	4.85	6.14	39.62	49.50	33.49	E
FB203	3	33%	9.60	190.00	25.77	23.00	4.80	9.35	42.88	49.50	33.53	E
All Snohomish CB Locations	6	83%	9.70	240.00	91.50	65.50	12.00	50.00	110.00	246.00	60.00	
All Snohomish RB Locations	6	33%	9.90	200.00	92.74	67.50	4.95	9.50	106.00	301.00	96.50	E
All Snohomish AG Locations	2	0%	19.00	21.00						< 21.00		U
All Snohomish FB Locations	6	33%	9.60	200.00	23.61	16.50	4.80	4.85	49.50	49.50	44.65	E
All Snomomish Locations	20	45%	9.60	240.00	63.35	49.50	4.80	9.75	79.50	301.00	69.75	E
Puyallup Watershed												
CBA	3	100%	21.00	200.00	167.67	216.00	48.00	90.00	233.25	239.00	143.25	
CBB	3	100%	21.00	99.00	400.67	297.00	165.00	198.00	629.25	740.00	431.25	
RB53	3	67%	21.00	200.00	80.00	98.00	42.00	56.00	99.50	100.00	43.50	
RB209	3	33%	21.00	190.00	60.83	77.00	10.50	27.12	90.50	95.00	63.38	E
AG143	1	100%	21.00	21.00		191.00						
AG62	1	100%	21.00	21.00		203.00						
FB130	3	67%	21.00	200.00	151.33	159.00	100.00	114.75	186.00	195.00	71.25	
FB372	3	67%	21.00	220.00	156.00	110.00	104.00	105.50	218.00	254.00	112.50	
All Puyallup CB Locations	6	100%	21.00	200.00	284.17	227.50	48.00	165.00	297.00	740.00	132.00	
All Puyallup RB Locations	6	50%	21.00	200.00	70.42	86.00	10.50	42.00	98.00	100.00	56.00	E
All Puyallup AG Locations	2	100%	21.00	21.00	197.00	197.00	191.00			203.00		
All Puyallup FB Locations	6	67%	21.00	220.00	153.67	134.50	100.00	104.00	195.00	254.00	91.00	
All Puyallup Locations	20	75%	21.00	220.00	172.18	134.50	10.50	96.50	209.50	740.00	113.00	
All Monitoring Locations Combined												
All CB Locations	12	92%	9.70	240.00	187.83	137.50	12.00	53.50	242.50	740.00	189.00	
All RB Locations	12	42%	9.90	200.00	81.58	81.00	4.95	26.25	99.00	301.00	72.75	E
All AG Locations	4	50%	19.00	21.00	103.50	100.75	9.50	10.00	197.00	203.00	187.00	E
All FB Locations	12	50%	9.60	220.00	88.64	74.75	4.80	16.50	134.50	254.00	118.00	E
All Locations	40	60%	9.60	240.00	117.76	90.00	4.80	32.50	178.00	740.00	145.50	

pg/L = picograms per liter

n: sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-409. Summary statistics for pH concentrations measured for the Phase 3 study of toxics in surface runoff to Puget Sound

Baseflow										
	n	Percent Detected (%)	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed										
CB335	2	100%	7.80	7.80	7.58			8.03		
CBX	1	100%		7.05						
RB111	2	100%	7.39	7.39	7.34			7.43		
RB202	2	100%	7.47	7.47	7.17			7.76		
AG174	2	100%	6.56	6.56	6.38			6.73		
AGG	2	100%	6.82	6.82	6.69			6.94		
FB200	2	100%	6.84	6.84	6.63			7.05		
FB203	2	100%	7.36	7.36	7.27			7.44		
All Snohomish CB Locations	3	100%	7.55	7.58	7.05	7.18	7.92	8.03	0.74	
All Snohomish RB Locations	4	100%	7.43	7.39	7.17	7.26	7.60	7.76	0.34	
All Snohomish AG Locations	4	100%	6.68	6.71	6.38	6.53	6.84	6.94	0.30	
All Snohomish FB Locations	4	100%	7.10	7.16	6.63	6.84	7.36	7.44	0.51	
All Snohomish Locations	15	100%	7.17	7.17	6.38	6.78	7.44	8.03	0.65	
Puyallup Watershed										
CBA	2	100%	7.61	7.61	7.07			8.15		
CBB	1	100%		7.66						
RB53	2	100%	7.79	7.79	7.43			8.15		
RB209	2	100%	8.25	8.25	7.94			8.56		
AG143	2	100%	6.91	6.91	6.76			7.06		
AG62	2	100%	6.97	6.97	6.74			7.20		
FB130	2	100%	6.73	6.73	6.69			6.76		
FB372	2	100%	8.14	8.14	7.78			8.49		
All Puyallup CB Locations	3	100%	7.63	7.66	7.07	7.22	8.03	8.15	0.81	
All Puyallup RB Locations	4	100%	8.02	8.05	7.43	7.68	8.35	8.56	0.67	
All Puyallup AG Locations	4	100%	6.94	6.91	6.74	6.75	7.13	7.20	0.38	
All Puyallup FB Locations	4	100%	7.43	7.27	6.69	6.73	8.14	8.49	1.41	
All Puyallup Locations	15	100%	7.50	7.43	6.69	6.84	8.10	8.56	1.26	
All Monitoring Locations Combined										
All CB Locations	6	100%	7.59	7.62	7.05	7.07	8.03	8.15	0.96	
All RB Locations	8	100%	7.72	7.60	7.17	7.39	8.05	8.56	0.66	
All AG Locations	8	100%	6.81	6.75	6.38	6.71	7.00	7.20	0.29	
All FB Locations	8	100%	7.26	7.16	6.63	6.73	7.61	8.49	0.88	
All Locations	30	100%	7.33	7.23	6.38	6.76	7.76	8.56	1.00	

n: sample size

Non-detect frequency flag

E: 50 percent or less of the data are detected values; reported values are considered estimates with relatively low accuracy.

U: None of the data are detected values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-409. Summary statistics for pH concentrations in measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Storm Event										
	n	Percent Detected (%)	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed										
CB335	6	100%	6.72	7.01	5.04	6.76	7.15	7.38	0.39	
CBX	7	100%	6.85	7.01	5.07	6.85	7.39	7.45	0.54	
RB111	10	100%	6.65	6.49	5.98	6.21	7.21	7.63	1.00	
RB202	7	100%	6.87	7.12	4.84	6.88	7.36	7.62	0.49	
AG174	9	100%	5.79	5.77	5.31	5.59	5.93	6.50	0.34	
AGG	9	100%	6.32	6.67	4.85	5.97	6.88	7.05	0.91	
FB200	9	100%	6.46	6.54	5.74	6.05	6.77	7.19	0.72	
FB203	11	100%	6.72	6.70	5.95	6.31	7.23	7.63	0.92	
All Snohomish CB Locations	13	100%	6.79	7.01	5.04	6.81	7.26	7.45	0.46	
All Snohomish RB Locations	17	100%	6.74	6.82	4.84	6.21	7.32	7.63	1.11	
All Snohomish AG Locations	18	100%	6.06	5.94	4.85	5.62	6.67	7.05	1.05	
All Snohomish FB Locations	20	100%	6.60	6.58	5.74	6.20	7.11	7.63	0.92	
All Snohomish Locations	68	100%	6.53	6.68	4.84	6.00	7.11	7.63	1.12	
Puyallup Watershed										
CBA	9	100%	6.38	6.51	5.64	6.00	6.91	6.97	0.90	
CBB	11	100%	6.41	6.53	5.53	6.01	6.86	7.02	0.85	
RB53	9	100%	6.64	6.84	5.86	6.02	7.09	7.26	1.07	
RB209	8	100%	7.20	7.51	6.53	6.57	7.61	7.65	1.04	
AG143	8	100%	6.50	6.39	6.16	6.20	6.80	7.04	0.60	
AG62	9	100%	6.65	6.70	5.85	6.11	7.01	7.95	0.90	
FB130	9	100%	6.53	6.41	5.46	6.20	6.77	7.98	0.57	
FB372	9	100%	6.84	6.56	6.32	6.48	7.27	7.60	0.79	
All Puyallup CB Locations	20	100%	6.40	6.52	5.53	6.03	6.90	7.02	0.87	
All Puyallup RB Locations	17	100%	6.90	6.85	5.86	6.55	7.49	7.65	0.94	
All Puyallup AG Locations	17	100%	6.58	6.46	5.85	6.17	6.92	7.95	0.75	
All Puyallup FB Locations	18	100%	6.68	6.55	5.46	6.33	6.95	7.98	0.62	
All Puyallup Locations	72	100%	6.63	6.57	5.46	6.20	6.97	7.98	0.77	
All Monitoring Locations Combined										
All CB Locations	33	100%	6.55	6.76	5.04	6.09	7.01	7.45	0.92	
All RB Locations	34	100%	6.82	6.85	4.84	6.22	7.38	7.65	1.16	
All AG Locations	35	100%	6.31	6.27	4.85	5.91	6.88	7.95	0.97	
All FB Locations	38	100%	6.64	6.55	5.46	6.30	7.11	7.98	0.81	
All Locations	140	100%	6.58	6.62	4.84	6.14	7.03	7.98	0.89	

n: sample size

Non-detect frequency flag

E: 50 percent or less of the data are detected values; reported values are considered estimates with relatively low accuracy.

U: None of the data are detected values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-410. Summary statistics for dissolved oxygen concentrations in % saturation measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow										
	n	Percent Detected (%)	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed										
CB335	2	100%	96.0	96.0	94.7			97.3		
CBX	0									
RB111	2	100%	105.5	105.5	96.0			115.0		
RB202	2	100%	95.6	95.6	95.6			95.6		
AG174	2	100%	68.0	68.0	63.7			72.3		
AGG	0									
FB200	2	100%	91.0	91.0	88.5			93.5		
FB203	2	100%	90.6	90.6	87.6			93.5		
All Snohomish CB Locations	2	100%	96.0	96.0	94.7			97.3		
All Snohomish RB Locations	4	100%	100.6	95.8	95.6	95.6	105.5	115.0	9.9	
All Snohomish AG Locations	2	100%	68.0	68.0	63.7			72.3		
All Snohomish FB Locations	4	100%	90.8	91.0	87.6	88.1	93.5	93.5	5.4	
All Snohomish Locations	12	100%	91.1	94.1	87.6	88.1	95.8	115.0	7.8	
Puyallup Watershed										
CBA	1	100%		65.8						
CBB	1	100%		64.0						
RB53	2	100%	71.1	71.1	64.1			78.2		
RB209	2	100%	95.0	95.0	92.8			97.2		
AG143	2	100%	64.9	64.9	50.1			79.8		
AG62	2	100%	74.1	74.1	53.0			95.2		
FB130	2	100%	85.8	85.8	85.5			86.2		
FB372	2	100%	96.3	96.3	95.3			97.3		
All Puyallup CB Locations	2	100%	64.9	64.9	64.0			65.8		
All Puyallup RB Locations	4	100%	83.1	85.5	64.1	71.1	95.0	97.2	23.9	
All Puyallup AG Locations	4	100%	69.5	66.4	50.1	51.5	87.5	95.2	36.0	
All Puyallup FB Locations	4	100%	91.1	90.8	85.5	85.8	96.3	97.3	10.4	
All Puyallup Locations	14	100%	78.9	82.7	50.1	64.1	95.2	97.3	31.1	
All Monitoring Locations Combined										
All CB Locations	4	100%	80.4	80.2	64.0	64.9	96.0	97.3	31.1	
All RB Locations	8	100%	91.8	95.6	64.1	85.5	96.6	115.0	11.1	
All AG Locations	6	100%	69.0	68.0	50.1	53.0	79.8	95.2	26.8	
All FB Locations	8	100%	90.9	91.0	85.5	86.9	94.4	97.3	7.5	
All Locations	26	100%	84.5	90.7	50.1	72.3	95.6	115.0	23.3	

n: sample size

Non-detect frequency flag

E: 50 percent or less of the data are detected values; reported values are considered estimates with relatively low accuracy.

U: None of the data are detected values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-410. Summary statistics for dissolved oxygen concentrations in % measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Storm Event										
	n	Percent Detected (%)	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed										
CB335	7	100%	97.9	97.6	93.4	96.0	99.4	104.0	3.4	
CBX	8	100%	97.2	96.0	89.4	92.8	97.8	115.0	5.0	
RB111	10	100%	91.1	90.7	78.9	79.7	101.1	102.1	21.4	
RB202	8	100%	101.2	100.8	97.9	99.2	102.2	107.0	3.0	
AG174	9	100%	75.2	67.1	62.5	65.2	79.6	110.1	14.4	
AGG	11	100%	65.9	70.2	41.3	56.8	73.4	87.0	16.7	
FB200	9	100%	101.4	101.9	90.2	100.5	104.8	105.9	4.3	
FB203	11	100%	102.6	103.6	95.1	101.8	104.7	107.6	2.9	
All Snohomish CB Locations	15	100%	97.5	96.0	89.4	94.9	99.2	115.0	4.3	
All Snohomish RB Locations	18	100%	95.6	99.7	78.9	88.7	101.1	107.0	12.4	
All Snohomish AG Locations	20	100%	70.1	68.7	41.3	64.0	77.0	110.1	13.0	
All Snohomish FB Locations	20	100%	102.1	103.2	90.2	100.9	104.7	107.6	3.8	
All Snomomish Locations	73	100%	90.8	96.4	41.3	79.3	101.8	115.0	22.5	
Puyallup Watershed										
CBA	10	100%	77.0	77.1	54.9	73.4	82.4	92.3	9.0	
CBB	12	100%	86.8	86.3	67.4	79.4	94.3	102.6	14.9	
RB53	9	100%	78.5	77.6	73.1	73.9	84.0	84.1	10.1	
RB209	9	100%	90.1	90.6	76.5	86.2	94.3	99.0	8.1	
AG143	8	100%	68.0	68.1	55.6	62.2	74.3	79.0	12.1	
AG62	11	100%	75.3	75.7	61.0	73.5	77.1	88.0	3.6	
FB130	9	100%	90.8	88.0	85.0	85.2	96.6	102.5	11.4	
FB372	11	100%	99.5	98.2	91.0	95.0	98.9	116.4	3.9	
All Puyallup CB Locations	22	100%	82.3	81.4	54.9	75.7	87.5	102.6	11.8	
All Puyallup RB Locations	18	100%	84.3	84.1	73.1	76.5	90.6	99.0	14.1	
All Puyallup AG Locations	19	100%	72.2	74.0	55.6	65.5	76.8	88.0	11.3	
All Puyallup FB Locations	20	100%	95.6	95.2	85.0	89.2	98.8	116.4	9.6	
All Puyallup Locations	79	100%	83.7	85.0	54.9	75.2	92.8	116.4	17.6	
All Monitoring Locations Combined										
All CB Locations	37	100%	88.5	91.0	54.9	79.4	96.5	115.0	17.1	
All RB Locations	36	100%	89.9	90.1	73.1	81.0	99.7	107.0	18.7	
All AG Locations	39	100%	71.1	72.5	41.3	65.1	77.0	110.1	11.9	
All FB Locations	40	100%	98.8	99.7	85.0	95.0	103.9	116.4	8.9	
All Locations	152	100%	87.1	88.3	41.3	76.3	99.0	116.4	22.7	

n: sample size

Non-detect frequency flag

E: 50 percent or less of the data are detected values; reported values are considered estimates with relatively low accuracy.

U: None of the data are detected values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-411. Summary statistics for temperature concentrations in degrees celsius measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow										
	n	Percent Detected (%)	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed										
CB335	2	100%	10.15	10.15	9.70			10.60		
CBX	1	100%		11.50						
RB111	2	100%	16.02	16.02	13.55			18.50		
RB202	2	100%	13.00	13.00	11.20			14.80		
AG174	2	100%	13.43	13.43	12.85			14.00		
AGG	2	100%	10.35	10.35	9.80			10.90		
FB200	2	100%	12.73	12.73	11.66			13.80		
FB203	2	100%	13.40	13.40	11.10			15.70		
All Snohomish CB Locations	3	100%	10.60	10.60	9.70	9.93	11.27	11.50	1.35	
All Snohomish RB Locations	4	100%	14.51	14.18	11.20	12.38	16.65	18.50	4.28	
All Snohomish AG Locations	4	100%	11.89	11.88	9.80	10.35	13.43	14.00	3.08	
All Snohomish FB Locations	4	100%	13.07	12.73	11.10	11.38	14.75	15.70	3.37	
All Snohomish Locations	15	100%	12.64	11.66	9.70	10.95	13.95	18.50	3.00	
Puyallup Watershed										
CBA	2	100%	18.35		14.60			22.10		
CBB	1	100%		12.94						
RB53	2	100%	11.85	11.85	10.10			13.60		
RB209	2	100%	11.85	11.85	10.60			13.10		
AG143	2	100%	17.35	17.35	16.30			18.40		
AG62	2	100%	14.75	14.75	14.70			14.80		
FB130	2	100%	14.13	14.13	13.16			15.10		
FB372	2	100%	11.65	11.65	9.90			13.40		
All Puyallup CB Locations	3	100%	16.55	14.60	12.94	13.35	20.23	22.10	6.87	
All Puyallup RB Locations	4	100%	11.85	11.85	10.10	10.35	13.35	13.60	3.00	
All Puyallup AG Locations	4	100%	16.05	15.55	14.70	14.75	17.35	18.40	2.60	
All Puyallup FB Locations	4	100%	12.89	13.28	9.90	11.53	14.25	15.10	2.72	
All Puyallup Locations	15	100%	14.19	13.60	9.90	12.98	15.03	22.10	2.05	
All Monitoring Locations Combined										
All CB Locations	6	100%	13.57	12.22	9.70	10.60	14.60	22.10	4.00	
All RB Locations	8	100%	13.18	13.33	10.10	10.90	14.20	18.50	3.30	
All AG Locations	8	100%	13.97	14.35	9.80	11.88	15.55	18.40	3.67	
All FB Locations	8	100%	12.98	13.28	9.90	11.38	14.45	15.70	3.07	
All Locations	30	100%	13.42	13.28	9.70	11.10	14.80	22.10	3.70	

C = degrees celsius

n: sample size

Non-detect frequency flag

E: 50 percent or less of the data are detected values; reported values are considered estimates with relatively low accuracy.

U: None of the data are detected values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-411. Summary statistics for temperature concentrations in C measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Storm Event										
	n	Percent Detected (%)	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed										
CB335	7	100%	9.83	10.20	6.78	8.00	10.45	14.60	2.45	
CBX	8	100%	8.94	8.50	6.11	6.94	10.25	14.00	3.31	
RB111	10	100%	8.79	8.38	5.06	7.78	10.64	12.58	2.86	
RB202	9	100%	9.53	8.70	6.39	8.38	10.65	13.00	2.28	
AG174	9	100%	9.57	9.89	6.81	7.61	10.95	12.72	3.35	
AGG	11	100%	9.76	9.40	6.72	8.25	11.13	14.00	2.88	
FB200	9	100%	8.49	8.50	5.31	6.78	10.63	12.21	3.85	
FB203	11	100%	8.83	9.07	5.62	7.22	10.35	12.81	3.12	
All Snohomish CB Locations	15	100%	9.35	9.30	6.11	7.62	10.45	14.60	2.83	
All Snohomish RB Locations	19	100%	9.14	8.65	5.06	8.02	10.45	13.00	2.43	
All Snohomish AG Locations	20	100%	9.67	9.65	6.72	8.01	10.93	14.00	2.91	
All Snohomish FB Locations	20	100%	8.68	8.57	5.31	7.18	10.41	12.81	3.22	
All Snomomish Locations	74	100%	9.20	8.87	5.06	7.45	10.42	14.60	2.97	
Puyallup Watershed										
CBA	10	100%	10.30	10.18	4.67	8.27	12.78	16.65	4.51	
CBB	12	100%	9.44	9.70	0.17	7.80	12.62	17.80	4.82	
RB53	9	100%	9.79	10.66	4.50	7.83	12.18	12.80	4.34	
RB209	9	100%	9.37	10.06	6.17	8.43	10.53	11.35	2.10	
AG143	10	100%	9.16	9.56	2.36	5.61	11.90	15.60	6.29	
AG62	11	100%	8.59	9.50	0.58	5.78	11.53	16.70	5.76	
FB130	10	100%	7.08	5.80	1.86	3.89	10.44	14.90	6.55	
FB372	11	100%	8.22	8.90	4.76	7.00	9.84	10.20	2.85	
All Puyallup CB Locations	22	100%	9.83	10.18	0.17	7.87	12.74	17.80	4.87	
All Puyallup RB Locations	18	100%	9.58	10.15	4.50	7.95	10.85	12.80	2.90	
All Puyallup AG Locations	21	100%	8.86	9.50	0.58	5.52	11.95	16.70	6.43	
All Puyallup FB Locations	21	100%	7.68	8.20	1.86	4.81	9.87	14.90	5.06	
All Puyallup Locations	82	100%	8.98	9.48	0.17	6.94	11.10	17.80	4.16	
All Monitoring Locations Combined										
All CB Locations	37	100%	9.63	9.50	0.17	7.71	11.47	17.80	3.76	
All RB Locations	37	100%	9.35	9.48	4.50	7.99	10.74	13.00	2.75	
All AG Locations	41	100%	9.26	9.50	0.58	7.23	11.58	16.70	4.34	
All FB Locations	41	100%	8.17	8.50	1.86	5.71	10.20	14.90	4.49	
All Locations	156	100%	9.08	9.36	0.17	7.36	10.83	17.80	3.46	

C = degrees celsius

n: sample size

Non-detect frequency flag

E: 50 percent or less of the data are detected values; reported values are considered estimates with relatively low accuracy.

U: None of the data are detected values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-412. Summary statistics for specific conductivity concentrations in uS/cm measured for the Phase 3 study of toxics in surface runoff to Puget Sound.

Baseflow										
	n	Percent Detected (%)	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed										
CB335	2	100%	166.9	166.9	159.8			174.0		
CBX	1	100%		142.0						
RB111	2	100%	114.5	114.5	102.0			127.0		
RB202	2	100%	106.4	106.4	94.7			118.2		
AG174	2	100%	117.9	117.9	101.0			134.9		
AGG	2	100%	155.5	155.5	150.8			160.1		
FB200	2	100%	24.7	24.7	20.0			29.4		
FB203	2	100%	40.3	40.3	34.0			46.7		
All Snohomish CB Locations	3	100%	158.6	159.8	142.0	146.4	170.4	174.0	24.0	
All Snohomish RB Locations	4	100%	110.5	110.1	94.7	98.3	122.6	127.0	24.2	
All Snohomish AG Locations	4	100%	136.7	142.9	101.0	117.9	155.5	160.1	37.5	
All Snohomish FB Locations	4	100%	32.5	31.7	20.0	24.7	40.3	46.7	15.6	
All Snomomish Locations	15	100%	106.3	118.2	20.0	58.7	148.6	174.0	89.9	
Puyallup Watershed										
CBA	2	100%	150.7	150.7	142.4			159.0		
CBB	1	100%		55.3						
RB53	2	100%	173.7	173.7	134.0			213.4		
RB209	2	100%	203.6	203.6	169.2			238.0		
AG143	2	100%	203.8	203.8	190.5			217.0		
AG62	2	100%	113.8	113.8	111.9			115.7		
FB130	2	100%	57.2	57.2	56.9			57.5		
FB372	2	100%	57.9	57.9	55.8			60.0		
All Puyallup CB Locations	3	100%	118.9	142.4	55.3	77.1	154.8	159.0	77.8	
All Puyallup RB Locations	4	100%	188.6	191.3	134.0	151.6	225.7	238.0	74.1	
All Puyallup AG Locations	4	100%	158.8	153.1	111.9	113.8	203.8	217.0	89.9	
All Puyallup FB Locations	4	100%	57.5	57.2	55.8	56.3	58.8	60.0	2.4	
All Puyallup Locations	15	100%	131.8	134.0	55.3	58.1	185.2	238.0	127.1	
All Monitoring Locations Combined										
All CB Locations	6	100%	138.8	150.7	55.3	142.0	159.8	174.0	17.8	
All RB Locations	8	100%	149.6	130.5	94.7	110.1	191.3	238.0	81.2	
All AG Locations	8	100%	147.7	142.9	101.0	113.8	175.3	217.0	61.5	
All FB Locations	8	100%	45.0	51.2	20.0	31.7	57.2	60.0	25.5	
All Locations	30	100%	119.0	122.6	20.0	57.5	159.8	238.0	102.3	

uS/cm = microSiemens per centimeter

n: sample size

Non-detect frequency flag

E: 50 percent or less of the data are detected values; reported values are considered estimates with relatively low accuracy.

U: None of the data are detected values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table L-412. Summary statistics for specific conductivity concentrations in uS/cm measured for the Phase 3 study of toxics in surface runoff to Puget Sound.
to Puget Sound.

Storm Event										
	n	Percent Detected (%)	Mean	Median	Minimum	25th Percentile	75th Percentile	Maximum	Quartile Range	Non-detect frequency flag
Snohomish Watershed										
CB335	6	100%	50.8	51.3	18.2	40.0	61.0	83.3	21.0	
CBX	7	100%	74.7	74.8	58.4	64.0	85.9	91.0	21.9	
RB111	10	100%	100.8	93.5	12.8	93.0	127.0	165.0	34.0	
RB202	8	100%	80.6	77.2	61.1	65.5	97.3	103.8	31.8	
AG174	9	100%	121.5	133.0	10.7	100.5	162.2	174.0	61.8	
AGG	10	100%	110.0	97.8	32.5	79.3	145.0	195.0	65.7	
FB200	9	100%	28.1	25.0	18.0	19.0	37.0	49.0	18.0	
FB203	11	100%	40.8	36.0	31.0	31.2	47.0	64.0	15.8	
All Snohomish CB Locations	13	100%	63.7	63.0	18.2	52.9	81.7	91.0	28.8	
All Snohomish RB Locations	18	100%	91.8	93.0	12.8	75.5	103.8	165.0	28.3	
All Snohomish AG Locations	19	100%	115.4	106.0	10.7	84.5	155.5	195.0	71.0	
All Snohomish FB Locations	20	100%	35.1	32.0	18.0	27.0	42.5	64.0	15.5	
All Snomomish Locations	70	100%	76.8	75.2	10.7	37.0	99.0	195.0	62.0	
Puyallup Watershed										
CBA	10	100%	78.1	82.0	20.0	23.0	104.0	191.0	81.0	
CBB	12	100%	42.9	35.5	26.0	30.0	54.0	77.0	24.0	
RB53	10	100%	121.9	115.0	70.0	81.0	138.0	215.0	57.0	
RB209	9	100%	182.1	204.0	102.0	149.5	215.0	250.0	65.5	
AG143	8	100%	199.8	194.6	86.9	133.7	252.8	349.0	119.1	
AG62	11	100%	116.0	101.0	86.1	90.9	132.5	162.0	41.6	
FB130	10	100%	70.7	69.9	47.1	57.6	75.3	100.0	17.7	
FB372	11	100%	64.7	53.1	30.5	47.0	91.9	105.0	44.9	
All Puyallup CB Locations	22	100%	58.9	44.5	20.0	28.0	80.0	191.0	52.0	
All Puyallup RB Locations	19	100%	150.4	138.0	70.0	105.0	206.2	250.0	101.2	
All Puyallup AG Locations	19	100%	151.3	131.0	86.1	93.8	177.9	349.0	84.1	
All Puyallup FB Locations	21	100%	67.6	64.9	30.5	49.3	88.0	105.0	38.8	
All Puyallup Locations	81	100%	104.3	90.2	20.0	52.8	131.5	349.0	78.8	
All Monitoring Locations Combined										
All CB Locations	35	100%	60.7	58.4	18.2	33.5	80.9	191.0	47.4	
All RB Locations	37	100%	121.9	103.8	12.8	81.0	159.0	250.0	78.0	
All AG Locations	38	100%	133.4	126.5	10.7	91.9	162.0	349.0	70.1	
All FB Locations	41	100%	51.7	47.0	18.0	31.8	65.9	105.0	34.1	
All Locations	151	100%	91.5	81.2	10.7	47.0	118.2	349.0	71.2	

uS/cm = microSiemens per centimeter

n: sample size

Non-detect frequency flag

E: 50 percent or less of the data are detected values; reported values are considered estimates with relatively low accuracy.

U: None of the data are detected values; only the maximum reporting limit is presented

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin