APPENDIX G

Summary Statistics for Nutrients Measured at Sites in the Green-Duwamish Watershed in 2001 and 2002

Table G1. Summary statistics for ammonia nitrogen concentrations at sites in the Green-Duwamish watershed in 2001 and 2002.

Site Locator	N	Mean (mg/L)	Minimum (mg/L)	Maximum (mg/L)	Standard Deviation (mg/L)	Lower 95% C.I. (mg/L)	Upper 95% C.I. (mg/L)	Median (mg/L)	10th Percentile (mg/L)	25th Percentile (mg/L)	75th Percentile (mg/L)	90th Percentile (mg/L)	Quartile Range (mg/L)	Percent Exceeding Standard[a]
Base Flow														
A310	7	0.03	0.01	0.08	0.03	0.01	0.06	0.02	0.01	0.01	0.06	0.08	0.05	0.0
E319	11	0.02	0.01	0.05	0.01	0.01	0.03	0.02	0.01	0.01	0.02	0.02	0.01	0.0
A307	7	0.01	0.01	0.02	0.00	0.01	0.02	0.01	0.01	0.01	0.02	0.02	0.01	0.0
C317	5	0.25	0.05	0.40	0.13	0.09	0.40	0.26	0.05	0.24	0.28	0.40	0.04	0.0
A317	8	0.26	0.08	0.38	0.09	0.18	0.33	0.26	0.08	0.22	0.31	0.38	0.09	0.0
A326	7	0.03	0.01	0.09	0.03	0.00	0.05	0.02	0.01	0.01	0.02	0.09	0.01	0.0
B317	8	0.26	0.07	0.51	0.15	0.13	0.38	0.25	0.07	0.14	0.35	0.51	0.21	0.0
A315	5	0.05	0.01	0.11	0.04	0.00	0.10	0.04	0.01	0.03	0.07	0.11	0.04	0.0
A330	7	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.01	0.02	0.02	0.01	0.0
A320	5	0.04	0.02	0.07	0.02	0.01	0.06	0.02	0.02	0.02	0.05	0.07	0.03	0.0
Y320	6	0.03	0.01	0.06	0.02	0.01	0.04	0.02	0.01	0.02	0.02	0.06	0.00	0.0
F321	6	0.02	0.02	0.02	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.0
0322	8	0.02	0.01	0.04	0.01	0.01	0.03	0.02	0.01	0.01	0.02	0.04	0.01	0.0
D322	10	0.02	0.01	0.06	0.01	0.01	0.03	0.01	0.01	0.01	0.02	0.04	0.01	0.0
B322	2	1.27	0.02	2.52	1.77	-14.61	17.15	1.27	0.02	0.02	2.52	2.52	2.50	50.0
I322B	5	0.02	0.01	0.06	0.02	0.00	0.05	0.02	0.01	0.01	0.02	0.06	0.01	0.0
S322	3	0.02	0.02	0.02	0.00	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.00	0.0
A341	4	0.02	0.02	0.02	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.0
All	114	0.09	0.01	2.52	0.25	0.04	0.13	0.02	0.01	0.02	0.06	0.25	0.04	0.0
Storm Flow														
A310	5	0.03	0.01	0.08	0.03	-0.01	0.07	0.01	0.01	0.01	0.05	0.08	0.04	0.0
E319	9	0.02	0.01	0.04	0.01	0.02	0.03	0.01	0.01	0.01	0.01	0.04	0.00	0.0
A307	10	0.09	0.02	0.48	0.14	-0.01	0.19	0.04	0.03	0.04	0.05	0.27	0.02	0.0
C317	4	0.10	0.07	0.18	0.05	0.01	0.19	0.08	0.07	0.07	0.13	0.18	0.06	0.0
A317	12	0.05	0.01	0.08	0.02	0.04	0.07	0.05	0.02	0.04	0.06	0.08	0.02	0.0
A326	5	0.03	0.02	0.05	0.01	0.01	0.05	0.02	0.01	0.01	0.04	0.05	0.03	0.0
B317	8	0.15	0.05	0.43	0.12	0.04	0.25	0.10	0.05	0.08	0.17	0.43	0.09	0.0
A315	4	0.07	0.02	0.10	0.04	0.00	0.13	0.07	0.01	0.03	0.10	0.10	0.08	0.0
A330	5	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.0
A320	4	0.02	0.01	0.03	0.01	0.01	0.03	0.01	0.01	0.01	0.03	0.03	0.02	0.0
Y320	8	0.02	0.01	0.03	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.03	0.01	0.0
F321	3	0.02	0.02	0.02	0.00	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.01	0.0
0322	11	0.05	0.01	0.10	0.03	0.03	0.07	0.05	0.01	0.01	0.07	0.09	0.06	0.0
D322	5	0.07	0.03	0.11	0.04	0.02	0.12	0.06	0.03	0.03	0.11	0.11	0.08	0.0
B322	5	1.64	0.07	6.82	2.90	-1.97	5.24	0.38	0.07	0.36	0.56	6.82	0.20	0.0
I322B	7	0.03	0.01	0.09	0.03	0.00	0.06	0.01	0.01	0.01	0.06	0.09	0.05	0.0
S322	2	0.02	0.01	0.02	0.00	-0.02	0.05	0.01	0.01	0.01	0.01	0.01	0.00	0.0
A341	4	0.02	0.01	0.02	0.01	0.01	0.03	0.01	0.01	0.01	0.01	0.01	0.00	0.0
All	111	0.12	0.01	6.82	0.65	0.00	0.24	0.04	0.01	0.02	0.07	0.11	0.05	0.0

[a] Percentage of collected samples that exceed the applicable water quality standard (see Tables 11 and 12).

N: number of samples; C.I.: confidence interval.

mg/L: milligram/liter

Table G2. Summary statistics for nitrate+nitrite nitrogen concentrations at sites in the Green-Duwamish watershed in 2001 and 2002.

Site Locator	N	Mean (mg/L)	Minimum (mg/L)	Maximum (mg/L)	Standard Deviation (mg/L)	Lower 95% C.I. (mg/L)	Upper 95% C.I. (mg/L)	Median (mg/L)	10th Percentile (mg/L)	25th Percentile (mg/L)	75th Percentile (mg/L)	90th Percentile (mg/L)	Quartile Range (mg/L)	Percent Exceeding Standard[a]
Base Flow														
A310	7	0.55	0.20	0.76	0.19	0.38	0.73	0.37	0.11	0.32	0.58	0.62	0.26	85.7
E319	11	0.19	0.07	0.36	0.07	0.14	0.24	0.08	0.03	0.03	0.16	0.17	0.13	9.1
A307	7	1.50	1.26	1.86	0.22	1.30	1.71	1.24	1.09	1.17	1.43	1.52	0.26	100.0
C317	5	0.96	0.71	1.10	0.16	0.77	1.15	0.34	0.31	0.34	0.39	0.44	0.05	100.0
A317	8	1.12	0.95	1.32	0.12	1.02	1.22	0.47	0.40	0.42	0.49	0.51	0.07	100.0
A326	7	0.71	0.57	0.91	0.12	0.59	0.82	0.41	0.20	0.26	0.65	0.65	0.39	71.4
B317	8	1.44	1.22	1.71	0.15	1.31	1.57	0.75	0.62	0.65	0.87	0.97	0.22	100.0
A315	5	1.04	0.81	1.35	0.24	0.75	1.34	0.54	0.51	0.52	0.56	0.75	0.04	100.0
A330	7	0.86	0.78	0.97	0.06	0.81	0.92	0.75	0.64	0.70	0.81	0.83	0.11	100.0
A320	5	1.12	1.05	1.29	0.10	1.00	1.24	0.90	0.85	0.88	0.92	1.12	0.04	100.0
Y320	6	0.99	0.58	1.49	0.32	0.65	1.33	0.33	0.03	0.13	0.74	1.14	0.61	66.7
F321	6	0.63	0.58	0.71	0.05	0.58	0.68	0.58	0.54	0.55	0.61	0.63	0.06	100.0
0322	8	1.97	1.50	2.85	0.50	1.55	2.38	1.60	1.25	1.39	2.03	2.58	0.63	100.0
D322	10	3.95	2.91	5.14	0.85	3.35	4.56	3.55	2.19	2.94	4.30	4.66	1.36	100.0
B322	2	4.12	2.04	6.19	2.93	-22.25	30.48	2.40	1.70	1.70	3.10	3.10	1.40	100.0
I322B	5	2.25	1.89	2.54	0.27	1.91	2.59	2.13	1.27	1.68	2.22	2.22	0.54	100.0
S322	3	0.44	0.15	0.61	0.25	-0.19	1.07	0.48	0.05	0.05	0.48	0.48	0.43	66.7
A341	4	1.06	0.81	1.28	0.20	0.74	1.38	0.98	0.71	0.82	1.08	1.14	0.26	100.0
All	114	1.35	0.07	6.19	1.12	1.14	1.56	0.65	0.15	0.41	1.23	2.22	0.82	86.0
Storm Flow														
A310	5	0.62	0.40	0.73	0.13	0.46	0.79	0.46	0.23	0.41	0.47	0.51	0.07	80.0
E319	9	0.28	0.06	0.49	0.14	0.17	0.39	0.15	0.04	0.14	0.22	0.24	0.08	0.0
A307	10	2.38	1.46	3.84	0.78	1.81	2.94	1.46	0.96	1.25	2.23	2.28	0.98	100.0
C317	4	0.94	0.68	1.30	0.26	0.52	1.36	0.40	0.28	0.34	0.54	0.68	0.21	100.0
A317	12	0.93	0.64	1.40	0.21	0.79	1.06	0.35	0.28	0.30	0.43	0.52	0.13	100.0
A326	5	0.79	0.68	1.01	0.13	0.63	0.95	0.34	0.30	0.33	0.52	0.59	0.19	100.0
B317	8	1.15	0.68	2.02	0.54	0.69	1.60	0.35	0.25	0.35	0.43	0.80	0.08	87.5
A315	4	1.23	1.15	1.34	0.09	1.09	1.37	0.49	0.41	0.41	0.74	0.91	0.33	100.0
A330	5	0.84	0.74	1.02	0.11	0.70	0.97	0.55	0.46	0.55	0.70	0.71	0.15	100.0
A320	4	1.04	0.89	1.20	0.13	0.84	1.25	0.73	0.70	0.71	0.79	0.84	0.08	100.0
Y320	8	1.31	0.69	2.07	0.50	0.90	1.72	0.78	0.26	0.44	1.32	1.61	0.87	87.5
F321	3	1.21	0.76	1.58	0.42	0.18	2.25	0.95	0.64	0.64	1.00	1.00	0.36	100.0
0322	11	2.83	1.96	3.92	0.61	2.42	3.24	1.75	1.37	1.38	2.08	2.37	0.70	100.0
D322	5	4.18	2.99	5.90	1.11	2.80	5.55	2.96	2.01	2.46	3.47	3.83	1.01	100.0
B322	5	7.55	3.57	14.70	4.59	1.85	13.25	2.72	1.66	1.95	3.12	4.93	1.17	100.0
I322B	7	2.10	0.68	3.08	0.87	1.30	2.90	2.23	0.25	0.96	2.52	2.61	1.56	85.7
S322	2	1.08	0.14	2.01	1.32	-10.81	12.96	0.77	0.05	0.05	1.49	1.49	1.44	50.0
A341	4	1.58	1.37	1.79	0.24	1.20	1.96	1.29	1.13	1.14	1.44	1.46	0.30	100.0
All	111	1.78	0.06	14.70	1.86	1.43	2.13	0.70	0.25	0.35	1.53	2.31	1.18	87.4

[a] Percentage of collected samples that exceed the applicable water quality standard (see Tables 11 and 12).

N: number of samples; C.I.: confidence interval.

mg/L: milligram/liter

Table G3. Summary statistics for total nitrogen concentrations at sites in the Green-Duwamish watershed in 2001 and 2002.

Site Locator	N	Mean (mg/L)	Minimum (mg/L)	Maximum (mg/L)	Standard Deviation (mg/L)	Lower 95% C.I. (mg/L)	Upper 95% C.I. (mg/L)	Median (mg/L)	10th Percentile (mg/L)	25th Percentile (mg/L)	75th Percentile (mg/L)	90th Percentile (mg/L)	Quartile Range (mg/L)	Percent Exceeding Standard[a]
Base Flow														
A310	7	0.55	0.20	0.76	0.19	0.38	0.73	0.56	0.20	0.48	0.74	0.76	0.26	85.7
E319	11	0.19	0.07	0.36	0.07	0.14	0.24	0.18	0.15	0.15	0.21	0.23	0.06	9.1
A307	7	1.50	1.26	1.86	0.22	1.30	1.71	1.48	1.26	1.31	1.69	1.86	0.38	100.0
C317	5	0.96	0.71	1.10	0.16	0.77	1.15	0.98	0.71	0.93	1.08	1.10	0.15	100.0
A317	8	1.12	0.95	1.32	0.12	1.02	1.22	1.12	0.95	1.04	1.19	1.32	0.15	100.0
A326	7	0.71	0.57	0.91	0.12	0.59	0.82	0.71	0.57	0.57	0.80	0.91	0.23	100.0
B317	8	1.44	1.22	1.71	0.15	1.31	1.57	1.42	1.22	1.35	1.53	1.71	0.18	100.0
A315	5	1.04	0.81	1.35	0.24	0.75	1.34	1.03	0.81	0.82	1.21	1.35	0.39	100.0
A330	7	0.86	0.78	0.97	0.06	0.81	0.92	0.87	0.78	0.81	0.89	0.97	0.08	100.0
A320	5	1.12	1.05	1.29	0.10	1.00	1.24	1.09	1.05	1.07	1.12	1.29	0.05	100.0
Y320	6	0.99	0.58	1.49	0.32	0.65	1.33	0.98	0.58	0.77	1.15	1.49	0.38	100.0
F321	6	0.63	0.58	0.71	0.05	0.58	0.68	0.63	0.58	0.59	0.66	0.71	0.07	100.0
0322	8	1.97	1.50	2.85	0.50	1.55	2.38	1.75	1.50	1.59	2.36	2.85	0.76	100.0
D322	10	3.95	2.91	5.14	0.85	3.35	4.56	3.84	2.93	3.24	4.79	5.04	1.55	100.0
B322	2	4.12	2.04	6.19	2.93	-22.25	30.48	4.11	2.04	2.04	6.19	6.19	4.15	100.0
I322B	5	2.25	1.89	2.54	0.27	1.91	2.59	2.29	1.89	2.05	2.46	2.54	0.41	100.0
S322	3	0.44	0.15	0.61	0.25	-0.19	1.07	0.56	0.15	0.15	0.61	0.61	0.46	66.7
A341	4	1.06	0.81	1.28	0.20	0.74	1.38	1.08	0.81	0.91	1.22	1.28	0.31	100.0
All	114	1.35	0.07	6.19	1.12	1.14	1.56	1.07	0.27	0.71	1.54	2.76	0.83	89.5
Storm Flow														
A310	5	0.62	0.40	0.73	0.13	0.46	0.79	0.63	0.40	0.63	0.72	0.73	0.09	100.0
E319	9	0.28	0.06	0.49	0.14	0.17	0.39	0.26	0.06	0.23	0.36	0.49	0.13	55.6
A307	10	2.38	1.46	3.84	0.78	1.81	2.94	2.39	1.53	1.65	2.90	3.41	1.25	100.0
C317	4	0.94	0.68	1.30	0.26	0.52	1.36	0.88	0.68	0.76	1.12	1.30	0.36	100.0
A317	12	0.93	0.64	1.40	0.21	0.79	1.06	0.88	0.72	0.79	1.07	1.16	0.28	100.0
A326	5	0.79	0.68	1.01	0.13	0.63	0.95	0.75	0.68	0.71	0.80	1.01	0.09	100.0
B317	8	1.15	0.68	2.02	0.54	0.69	1.60	0.92	0.68	0.81	1.50	2.02	0.69	100.0
A315	4	1.23	1.15	1.34	0.09	1.09	1.37	1.21	1.15	1.16	1.29	1.34	0.13	100.0
A330	5	0.84	0.74	1.02	0.11	0.70	0.97	0.80	0.74	0.79	0.83	1.02	0.04	100.0
A320	4	1.04	0.89	1.20	0.13	0.84	1.25	1.04	0.89	0.95	1.13	1.20	0.18	100.0
Y320	8	1.31	0.69	2.07	0.50	0.90	1.72	1.18	0.69	0.92	1.76	2.07	0.84	100.0
F321	3	1.21	0.76	1.58	0.42	0.18	2.25	1.30	0.76	0.76	1.58	1.58	0.82	100.0
0322	11	2.83	1.96	3.92	0.61	2.42	3.24	2.74	2.00	2.41	3.31	3.35	0.90	100.0
D322	5	4.18	2.99	5.90	1.11	2.80	5.55	3.82	2.99	3.67	4.51	5.90	0.84	100.0
B322	5	7.55	3.57	14.70	4.59	1.85	13.25	6.35	3.57	3.92	9.21	14.70	5.29	100.0
I322B	7	2.10	0.68	3.08	0.87	1.30	2.90	2.54	0.68	1.30	2.71	3.08	1.41	100.0
S322	2	1.08	0.14	2.01	1.32	-10.81	12.96	1.08	0.14	0.14	2.01	2.01	1.87	50.0
A341	4	1.58	1.37	1.79	0.24	1.20	1.96	1.58	1.37	1.37	1.78	1.79	0.41	100.0
All	111	1.78	0.06	14.70	1.86	1.43	2.13	1.17	0.63	0.79	2.27	3.35	1.48	95.5

[a] Percentage of collected samples that exceed the applicable water quality standard (see Tables 11 and 12).

N: number of samples; C.I.: confidence interval.

mg/L: milligram/liter

Table G4. Summary statistics for orthophosphate phosphorus concentrations at sites in the Green-Duwamish watershed in 2001 and 2002.

Site Locator	N	Mean (mg/L)	Minimum (mg/L)	Maximum (mg/L)	Standard Deviation (mg/L)	Lower 95% C.I. (mg/L)	Upper 95% C.I. (mg/L)	Median (mg/L)	10th Percentile (mg/L)	25th Percentile (mg/L)	75th Percentile (mg/L)	90th Percentile (mg/L)	Quartile Range (mg/L)	Percent Exceeding Standard[a]
Base Flow														
A310	7	0.012	0.007	0.020	0.004	0.008	0.016	0.010	0.007	0.010	0.015	0.020	0.005	n.a.
E319	11	0.006	0.002	0.009	0.002	0.004	0.007	0.007	0.003	0.005	0.007	0.008	0.002	n.a.
A307	7	0.022	0.017	0.030	0.005	0.017	0.027	0.020	0.017	0.017	0.028	0.030	0.011	n.a.
C317	5	0.032	0.010	0.060	0.022	0.005	0.059	0.040	0.010	0.010	0.040	0.060	0.030	n.a.
A317	8	0.043	0.020	0.070	0.018	0.027	0.058	0.045	0.020	0.025	0.055	0.070	0.030	n.a.
A326	7	0.041	0.006	0.110	0.037	0.006	0.075	0.040	0.006	0.009	0.060	0.110	0.051	n.a.
B317	8	0.021	0.010	0.040	0.010	0.013	0.030	0.020	0.010	0.015	0.025	0.040	0.010	n.a.
A315	5	0.028	0.020	0.040	0.011	0.014	0.042	0.020	0.020	0.020	0.040	0.040	0.020	n.a.
A330	7	0.023	0.010	0.030	0.010	0.014	0.032	0.030	0.010	0.010	0.030	0.030	0.020	n.a.
A320	5	0.014	0.010	0.020	0.005	0.007	0.021	0.010	0.010	0.010	0.020	0.020	0.010	n.a.
Y320	6	0.008	0.005	0.010	0.002	0.005	0.010	0.008	0.005	0.006	0.010	0.010	0.004	n.a.
F321	6	0.010	0.010	0.010	0.000	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.000	n.a.
0322	8	0.038	0.020	0.060	0.014	0.026	0.049	0.040	0.020	0.025	0.045	0.060	0.020	n.a.
D322	10	0.030	0.010	0.080	0.022	0.015	0.046	0.030	0.010	0.011	0.030	0.066	0.019	n.a.
B322	2	0.385	0.050	0.720	0.474	-3.872	4.642	0.385	0.050	0.050	0.720	0.720	0.670	n.a.
I322B	5	0.020	0.010	0.040	0.014	0.002	0.038	0.010	0.010	0.010	0.030	0.040	0.020	n.a.
S322	3	0.020	0.009	0.030	0.010	-0.006	0.045	0.020	0.009	0.009	0.030	0.030	0.021	n.a.
A341	4	0.005	0.004	0.007	0.001	0.003	0.007	0.005	0.004	0.004	0.006	0.007	0.002	n.a.
All	114	0.029	0.002	0.720	0.068	0.016	0.041	0.020	0.007	0.010	0.030	0.050	0.020	n.a.
Storm Flow														
A310	5	0.012	0.010	0.018	0.004	0.008	0.017	0.010	0.010	0.010	0.014	0.018	0.004	n.a.
E319	9	0.007	0.006	0.008	0.001	0.006	0.007	0.007	0.006	0.006	0.007	0.008	0.001	n.a.
A307	10	0.037	0.019	0.143	0.038	0.010	0.064	0.022	0.020	0.020	0.031	0.091	0.011	n.a.
C317	4	0.018	0.010	0.020	0.005	0.010	0.025	0.020	0.010	0.015	0.020	0.020	0.005	n.a.
A317	12	0.021	0.010	0.040	0.009	0.015	0.027	0.020	0.010	0.015	0.025	0.030	0.010	n.a.
A326	5	0.022	0.010	0.040	0.013	0.006	0.038	0.020	0.010	0.010	0.030	0.040	0.020	n.a.
B317	8	0.021	0.010	0.040	0.014	0.010	0.033	0.015	0.010	0.010	0.035	0.040	0.025	n.a.
A315	4	0.083	0.020	0.140	0.061	-0.015	0.180	0.085	0.020	0.030	0.135	0.140	0.105	n.a.
A330	5	0.020	0.010	0.030	0.010	0.008	0.032	0.020	0.010	0.010	0.030	0.030	0.020	n.a.
A320	4	0.015	0.010	0.020	0.006	0.006	0.024	0.015	0.010	0.010	0.020	0.020	0.010	n.a.
Y320	8	0.014	0.009	0.040	0.011	0.005	0.023	0.010	0.009	0.009	0.012	0.040	0.003	n.a.
F321	3	0.010	0.010	0.010	0.000	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.000	n.a.
0322	11	0.149	0.030	0.270	0.100	0.082	0.217	0.188	0.040	0.050	0.240	0.265	0.190	n.a.
D322	5	0.307	0.090	0.683	0.231	0.020	0.594	0.288	0.090	0.151	0.322	0.683	0.170	n.a.
B322	5	2.026	1.470	2.570	0.429	1.494	2.558	2.020	1.470	1.780	2.290	2.570	0.510	n.a.
I322B	7	0.018	0.010	0.047	0.013	0.006	0.031	0.012	0.010	0.010	0.024	0.047	0.014	n.a.
S322	2	0.012	0.009	0.016	0.004	-0.027	0.052	0.012	0.009	0.009	0.016	0.016	0.006	n.a.
A341	4	0.006	0.002	0.010	0.004	0.000	0.012	0.007	0.003	0.004	0.009	0.010	0.005	n.a.
All	111	0.137	0.002	2.570	0.430	0.056	0.218	0.020	0.008	0.010	0.040	0.231	0.030	n.a.

[a] Percentage of collected samples that exceed the applicable water qaulity standard (see Tables 11 and 12).

N: number of samples; C.I.: confidence interval.

n.a.: not applicable.

mg/L: milligram/liter

Table G5. Summary statistics for total phosphorus concentrations at sites in the Green-Duwamish watershed in 2001 and 2002.

Site Locator	N	Mean (mg/L)	Minimum (mg/L)	Maximum (mg/L)	Standard Deviation (mg/L)	Lower 95% C.I. (mg/L)	Upper 95% C.I. (mg/L)	Median (mg/L)	10th Percentile (mg/L)	25th Percentile (mg/L)	75th Percentile (mg/L)	90th Percentile (mg/L)	Quartile Range (mg/L)	Percent Exceeding Standard[a]
Base Flow														
A310	7	0.030	0.020	0.040	0.006	0.024	0.035	0.030	0.020	0.027	0.030	0.040	0.003	100.0
E319	11	0.012	0.010	0.020	0.004	0.009	0.015	0.010	0.010	0.010	0.010	0.020	0.000	18.2
A307	7	0.057	0.037	0.116	0.027	0.032	0.083	0.053	0.037	0.040	0.060	0.116	0.020	100.0
C317	5	0.084	0.070	0.110	0.015	0.065	0.103	0.080	0.070	0.080	0.080	0.110	0.000	100.0
A317	8	0.101	0.090	0.120	0.010	0.093	0.110	0.100	0.090	0.095	0.105	0.120	0.010	100.0
A326	7	0.053	0.020	0.130	0.040	0.016	0.090	0.050	0.020	0.020	0.070	0.130	0.050	100.0
B317	8	0.069	0.050	0.100	0.016	0.056	0.082	0.065	0.050	0.060	0.075	0.100	0.015	100.0
A315	5	0.054	0.040	0.080	0.019	0.030	0.078	0.040	0.040	0.040	0.070	0.080	0.030	100.0
A330	7	0.036	0.020	0.050	0.013	0.024	0.047	0.040	0.020	0.020	0.050	0.050	0.030	100.0
A320	5	0.024	0.020	0.030	0.005	0.017	0.031	0.020	0.020	0.020	0.030	0.030	0.010	100.0
Y320	6	0.030	0.010	0.070	0.023	0.006	0.054	0.025	0.010	0.010	0.040	0.070	0.030	66.7
F321	6	0.013	0.010	0.020	0.005	0.008	0.019	0.010	0.010	0.010	0.020	0.020	0.010	33.3
0322	8	0.051	0.030	0.080	0.018	0.036	0.066	0.050	0.030	0.035	0.065	0.080	0.030	100.0
D322	10	0.077	0.033	0.176	0.049	0.043	0.112	0.063	0.036	0.041	0.080	0.165	0.039	100.0
B322	2	0.495	0.070	0.920	0.601	-4.905	5.895	0.495	0.070	0.070	0.920	0.920	0.850	100.0
I322B	5	0.046	0.020	0.080	0.024	0.016	0.076	0.040	0.020	0.030	0.060	0.080	0.030	100.0
S322	3	0.021	0.012	0.030	0.009	-0.002	0.043	0.020	0.012	0.012	0.030	0.030	0.018	66.7
A341	4	0.011	0.010	0.013	0.002	0.008	0.013	0.010	0.010	0.010	0.012	0.013	0.002	0.0
All	114	0.055	0.010	0.920	0.088	0.039	0.072	0.040	0.010	0.020	0.070	0.100	0.050	82.5
Storm Flow														
A310	5	0.042	0.030	0.060	0.012	0.026	0.057	0.038	0.030	0.032	0.048	0.060	0.016	100.0
E319	9	0.030	0.010	0.080	0.023	0.012	0.048	0.020	0.010	0.010	0.040	0.080	0.030	66.7
A307	10	0.128	0.043	0.330	0.094	0.061	0.195	0.081	0.047	0.070	0.160	0.284	0.090	100.0
C317	4	0.085	0.080	0.090	0.006	0.076	0.094	0.085	0.080	0.080	0.090	0.090	0.010	100.0
A317	12	0.129	0.070	0.250	0.060	0.091	0.167	0.110	0.080	0.080	0.160	0.230	0.080	100.0
A326	5	0.054	0.050	0.060	0.005	0.047	0.061	0.050	0.050	0.050	0.060	0.060	0.010	100.0
B317	8	0.104	0.070	0.150	0.027	0.081	0.126	0.100	0.070	0.085	0.120	0.150	0.035	100.0
A315	4	0.183	0.060	0.350	0.124	-0.014	0.379	0.160	0.060	0.095	0.270	0.350	0.175	100.0
A330	5	0.060	0.040	0.090	0.019	0.037	0.083	0.060	0.040	0.050	0.060	0.090	0.010	100.0
A320	4	0.045	0.020	0.070	0.021	0.012	0.078	0.045	0.020	0.030	0.060	0.070	0.030	100.0
Y320	8	0.054	0.039	0.090	0.020	0.037	0.070	0.043	0.039	0.040	0.067	0.090	0.027	100.0
F321	3	0.127	0.020	0.310	0.159	-0.269	0.523	0.050	0.020	0.020	0.310	0.310	0.290	100.0
0322	11	0.234	0.050	0.483	0.143	0.138	0.330	0.240	0.080	0.110	0.366	0.400	0.256	100.0
D322	5	0.448	0.160	1.037	0.343	0.022	0.874	0.379	0.160	0.265	0.398	1.037	0.133	100.0
B322	5	2.412	1.420	3.350	0.812	1.403	3.421	2.220	1.420	1.940	3.130	3.350	1.190	100.0
I322B	7	0.053	0.020	0.093	0.021	0.033	0.073	0.050	0.020	0.047	0.058	0.093	0.011	100.0
S322	2	0.035	0.010	0.060	0.036	-0.285	0.355	0.035	0.010	0.010	0.060	0.060	0.050	50.0
A341	4	0.035	0.030	0.040	0.006	0.026	0.044	0.035	0.030	0.030	0.040	0.040	0.010	100.0
All	111	0.218	0.010	3.350	0.520	0.120	0.316	0.080	0.030	0.049	0.150	0.350	0.101	96.4

[a] Percentage of collected samples that exceed the applicable water quality standard (see Tables 11 and 12).

N: number of samples; C.I.: confidence interval.

n.a.: not applicable.

mg/L: milligram/liter