

Samish Bay Watershed

	Temp (°C)	DO (mg/L)	DO Percent (%)	Cond. (µS/cm)	Salinity (psu)	pH	Turbidity (NTU)	Fecal Coliform (MPN / 100 mL)	E. coli (MPN / 100 mL)	NO ₃ ⁻ + NO ₂ ⁻ (mg/L)	NH ₃ (mg/L)	TKN (mg/L)	OP (mg/L)	TP (mg/L)	TSS (mg/L)
Site 11	Upper Samish River														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	9.1	8.54	73.4	78	0.0	7.04	2.7	64	47	0.171	0.01	0.25	0.013	0.05	5
Std. Dev.	3.5	1.29	6.4	21	0.0	0.14	1.6	177	105	0.067	0.01	0.00	0.005	0.00	5
Minimum	3.0	6.77	64.2	46	0.0	6.67	0.8	1	1	0.121	0.01	0.25	0.010	0.05	2
Maximum	14.4	11.50	88.1	110	0.1	7.30	5.7	920	540	0.268	0.03	0.25	0.020	0.05	13
Range	11.4	4.73	23.9	63	0.1	0.63	4.8	919	539	0.147	0.02	0.00	0.010	0.00	11
Std. Error	0.7	0.25	1.3	4	0.0	0.03	0.3	35	21	0.034	0.00	0.00	0.002	0.00	3
Geomean								21	18						
Site 8	Swede Creek														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	9.4	10.81	93.1	77	0.0	7.21	11.5	105	85	0.271	0.01	0.36	0.025	0.05	8
Std. Dev.	4.6	1.59	6.0	23	0.0	0.16	15.3	132	126	0.188	0.00	0.09	0.010	0.00	2
Minimum	1.2	8.36	81.0	44	0.0	6.85	2.2	7	2	0.069	0.01	0.25	0.020	0.05	6
Maximum	18.5	13.17	103.3	122	0.1	7.55	80.6	540	540	0.514	0.01	0.46	0.040	0.05	9
Range	17.3	4.81	22.3	78	0.1	0.70	78.4	533	538	0.445	0.00	0.21	0.020	0.00	3
Std. Error	0.9	0.31	1.2	5	0.0	0.03	3.0	26	25	0.094	0.00	0.04	0.005	0.00	1
Geomean								52	38						
Site 6	Friday Creek														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	10.5	11.63	103.0	81	0.0	7.45	3.8	56	39	0.240	0.13	0.25	0.013	0.05	4
Std. Dev.	4.9	1.30	4.0	20	0.0	0.42	4.1	71	32	0.221	0.24	0.00	0.005	0.00	2
Minimum	3.0	9.58	96.3	56	0.0	6.67	1.3	5	2	0.025	0.01	0.25	0.010	0.05	2
Maximum	19.5	13.68	111.0	125	0.1	8.23	18.2	350	110	0.505	0.49	0.25	0.020	0.05	7
Range	16.5	4.10	14.7	68	0.1	1.56	16.9	345	108	0.480	0.48	0.00	0.010	0.00	5
Std. Error	1.0	0.26	0.8	4	0.0	0.08	0.8	14	6	0.110	0.12	0.00	0.002	0.00	1
Geomean								33	26						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

	<i>Temp</i> (°C)	<i>DO</i> (mg/L)	<i>DO Percent</i> (%)	<i>Cond.</i> (μS/cm)	<i>Salinity</i> (psu)	<i>pH</i>	<i>Turbidity</i> (NTU)	<i>Fecal Coliform</i> (MPN / 100 mL)	<i>E. coli</i> (MPN / 100 mL)	<i>NO₃⁻ + NO₂⁻</i> (mg/L)	<i>NH₃</i> (mg/L)	<i>TKN</i> (mg/L)	<i>OP</i> (mg/L)	<i>TP</i> (mg/L)	<i>TSS</i> (mg/L)
Site 4	Upper Thomas Creek														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	9.1	11.42	98.1	133	0.1	7.43	17.2	464	295	0.906	0.01	0.37	0.040	0.05	10
<i>Std. Dev.</i>	3.8	1.14	4.1	54	0.1	0.29	28.7	751	671	0.204	0.00	0.14	0.022	0.00	6
<i>Minimum</i>	2.3	9.33	92.1	55	0.0	6.89	2.2	31	8	0.746	0.01	0.25	0.020	0.05	3
<i>Maximum</i>	15.5	13.33	106.3	208	0.1	7.85	152.0	3500	3500	1.178	0.01	0.57	0.070	0.05	16
<i>Range</i>	13.2	4.00	14.2	154	0.1	0.96	149.8	3469	3492	0.432	0.00	0.32	0.050	0.00	13
<i>Std. Error</i>	0.7	0.22	0.8	11	0.0	0.06	5.6	147	132	0.102	0.00	0.07	0.011	0.00	3
<i>Geomean</i>								211	111						
Site 3	Lower Thomas Creek														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	10.9	8.04	71.6	150	0.1	7.06	14.2	194	146	0.511	0.06	0.52	0.045	0.08	8
<i>Std. Dev.</i>	5.6	1.62	10.5	42	0.0	0.18	4.7	272	221	0.485	0.05	0.22	0.025	0.03	2
<i>Minimum</i>	1.4	5.17	54.1	73	0.0	6.67	7.5	5	5	0.032	0.01	0.25	0.020	0.05	6
<i>Maximum</i>	22.0	11.35	89.2	211	0.1	7.46	26.3	920	920	1.135	0.11	0.74	0.080	0.10	9
<i>Range</i>	20.6	6.18	35.1	138	0.1	0.79	18.8	915	915	1.103	0.10	0.49	0.060	0.05	3
<i>Std. Error</i>	1.1	0.32	2.1	8	0.0	0.04	0.9	53	43	0.243	0.02	0.11	0.013	0.01	1
<i>Geomean</i>								72	51						
Site 32	Lower Samish River														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	10.6	11.11	99.0	102	0.0	7.55	6.4	77	57	0.336	0.01	0.26	0.022	0.06	10
<i>Std. Dev.</i>	4.7	1.03	6.2	28	0.0	0.30	7.2	84	80	0.112	0.01	0.02	0.005	0.01	7
<i>Minimum</i>	3.4	8.99	84.7	57	0.0	6.83	1.7	5	5	0.243	0.01	0.25	0.020	0.05	2
<i>Maximum</i>	19.7	12.79	113.7	142	0.1	8.00	30.7	350	350	0.489	0.03	0.28	0.030	0.08	19
<i>Range</i>	16.3	3.80	29.0	85	0.1	1.17	29.0	345	345	0.246	0.02	0.03	0.010	0.03	17
<i>Std. Error</i>	0.9	0.20	1.2	5	0.0	0.06	1.4	16	16	0.056	0.00	0.01	0.002	0.01	4
<i>Geomean</i>								26	29						
Site 39	Colony Creek														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	9.1	11.08	94.8	132	0.0	7.32	9.5	220	138	0.586	0.01	0.56	0.055	0.07	10
<i>Std. Dev.</i>	4.2	1.66	7.1	74	0.1	0.26	14.2	365	225	0.482	0.00	0.55	0.040	0.04	7
<i>Minimum</i>	1.6	8.27	80.9	55	0.0	6.79	1.7	1	1	0.200	0.01	0.25	0.020	0.05	4
<i>Maximum</i>	15.8	13.47	106.4	277	0.1	7.67	66.1	1600	920	1.225	0.01	1.38	0.110	0.13	18
<i>Range</i>	14.2	5.20	25.5	222	0.1	0.88	64.4	1599	919	1.025	0.00	1.13	0.090	0.08	14
<i>Std. Error</i>	0.8	0.33	1.4	15	0.0	0.05	2.8	72	44	0.241	0.00	0.27	0.020	0.02	3
<i>Geomean</i>								49	32						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

	<i>Temp</i> (°C)	<i>DO</i> (mg/L)	<i>DO Percent</i> (%)	<i>Cond.</i> (μS/cm)	<i>Salinity</i> (psu)	<i>pH</i>	<i>Turbidity</i> (NTU)	<i>Fecal Coliform</i> (MPN / 100 mL)	<i>E. coli</i> (MPN / 100 mL)	<i>NO₃⁻ + NO₂⁻</i> (mg/L)	<i>NH₃</i> (mg/L)	<i>TKN</i> (mg/L)	<i>OP</i> (mg/L)	<i>TP</i> (mg/L)	<i>TSS</i> (mg/L)
Site 38	North Edison Drainage														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	13.1	5.94	61.3	17833	10.8	7.47	34.3	715	514	0.638	1.80	3.54	0.482	1.02	63
<i>Std. Dev.</i>	6.1	3.24	37.9	12194	7.9	0.73	42.8	1144	737	0.884	0.94	0.98	0.674	0.75	73
<i>Minimum</i>	4.7	2.25	18.9	792	0.4	6.47	11.7	33	17	0.015	0.53	2.56	0.080	0.38	20
<i>Maximum</i>	24.9	13.60	178.4	39610	25.3	8.87	179.0	5400	2400	1.905	2.66	4.87	1.490	1.97	172
<i>Range</i>	20.2	11.35	159.5	38818	24.9	2.40	167.3	5367	2383	1.890	2.13	2.31	1.410	1.59	152
<i>Std. Error</i>	1.2	0.64	7.4	2391	1.5	0.14	8.4	224	145	0.442	0.47	0.49	0.337	0.37	36
<i>Geomean</i>								328	228						
Site 36	Edison Slough														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	13.4	9.79	106.4	15785	9.7	7.57	10.4	316	231	0.346	0.04	0.80	0.120	0.18	16
<i>Std. Dev.</i>	7.9	4.72	73.7	15749	10.1	0.83	7.8	532	482	0.417	0.04	0.11	0.063	0.05	10
<i>Minimum</i>	3.4	1.88	21.1	229	0.1	6.71	2.5	13	13	0.010	0.01	0.69	0.070	0.11	7
<i>Maximum</i>	28.9	20.83	274.8	41546	26.6	9.03	30.9	2400	2400	0.899	0.10	0.94	0.200	0.23	30
<i>Range</i>	25.5	18.95	253.7	41317	26.5	2.32	28.4	2387	2387	0.889	0.09	0.25	0.130	0.12	23
<i>Std. Error</i>	1.6	0.93	14.5	3089	2.0	0.16	1.5	104	95	0.208	0.02	0.05	0.031	0.02	5
<i>Geomean</i>								138	93						
Site 37	South Edison Drainage														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	13.0	7.42	72.8	5199	3.0	7.41	34.4	547	427	0.893	0.91	1.90	0.232	0.50	51
<i>Std. Dev.</i>	6.1	2.88	33.2	6941	4.3	0.52	52.8	1057	739	1.114	0.53	0.35	0.222	0.32	78
<i>Minimum</i>	4.1	0.89	9.7	233	0.1	6.72	4.7	14	5	0.046	0.46	1.62	0.090	0.19	8
<i>Maximum</i>	27.0	14.41	148.8	31192	19.5	8.64	239.0	5400	3500	2.417	1.65	2.35	0.560	0.83	168
<i>Range</i>	22.9	13.52	139.1	30959	19.4	1.92	234.3	5386	3495	2.371	1.19	0.73	0.470	0.64	160
<i>Std. Error</i>	1.2	0.56	6.5	1361	0.8	0.10	10.4	207	145	0.557	0.26	0.17	0.111	0.16	39
<i>Geomean</i>								234	140						
Site 33	Alice Bay Drainage														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	13.5	7.91	85.6	28858	18.2	7.26	24.0	154	67	0.893	1.27	2.43	0.215	0.33	45
<i>Std. Dev.</i>	6.4	4.89	74.6	14978	9.9	0.70	26.5	209	68	1.348	0.60	0.64	0.173	0.18	20
<i>Minimum</i>	5.8	2.52	13.2	3266	1.7	5.99	8.0	5	1	0.040	0.58	1.62	0.040	0.17	26
<i>Maximum</i>	27.3	24.55	361.2	45874	29.8	8.57	133.0	920	220	2.883	2.05	3.17	0.440	0.56	73
<i>Range</i>	21.5	22.03	348.0	42608	28.1	2.58	125.0	915	219	2.843	1.47	1.55	0.400	0.39	47
<i>Std. Error</i>	1.3	0.96	14.6	2937	1.9	0.14	5.2	41	13	0.674	0.30	0.32	0.086	0.09	10
<i>Geomean</i>								65	33						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

Padilla Bay Watershed

	Temp (°C)	DO (mg/L)	DO Percent (%)	Cond. (µS/cm)	Salinity (psu)	pH	Turbidity (NTU)	Fecal Coliform (MPN / 100 mL)	E. coli (MPN / 100 mL)	NO ₃ ⁻ + NO ₂ ⁻ (mg/L)	NH ₃ (mg/L)	TKN (mg/L)	OP (mg/L)	TP (mg/L)	TSS (mg/L)
Site 49	Middle Joe Leary Slough														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	11.6	4.62	42.4	339	0.2	6.99	34.4	205	122	2.077	0.60	1.31	0.068	0.20	14
Std. Dev.	3.8	1.46	13.1	39	0.0	0.21	14.6	322	142	3.137	0.33	0.54	0.028	0.09	9
Minimum	5.6	1.73	16.5	253	0.1	6.48	13.2	13	5	0.346	0.28	0.58	0.040	0.07	6
Maximum	19.3	7.86	70.0	389	0.2	7.26	65.3	1600	540	6.774	0.89	1.73	0.100	0.29	24
Range	13.7	6.13	53.5	135	0.1	0.78	52.1	1587	535	6.428	0.61	1.15	0.060	0.21	18
Std. Error	0.7	0.29	2.6	8	0.0	0.04	2.9	63	28	1.569	0.16	0.27	0.014	0.05	4
Geomean								98	66						
Site 50	Lower Joe Leary Slough														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	12.3	5.80	54.2	837	0.4	7.03	28.1	290	206	1.894	0.46	1.11	0.068	0.16	10
Std. Dev.	4.8	2.12	21.7	993	0.5	0.22	14.9	528	458	2.661	0.37	0.53	0.026	0.07	5
Minimum	5.0	2.20	23.1	273	0.1	6.60	8.9	23	22	0.434	0.04	0.38	0.040	0.06	4
Maximum	21.9	9.86	106.9	4687	2.5	7.31	79.7	2400	2400	5.879	0.85	1.50	0.090	0.22	16
Range	16.9	7.66	83.8	4414	2.4	0.71	70.8	2377	2378	5.445	0.81	1.12	0.050	0.16	12
Std. Error	1.0	0.42	4.3	195	0.1	0.04	2.9	103	90	1.331	0.19	0.26	0.013	0.04	2
Geomean								139	92						
Site 34	No Name Slough														
n	25	24	24	25	25	25	25	25	25	4	4	4	4	4	4
Mean	13.1	7.49	69.1	12425	7.8	7.27	10.9	560	541	0.292	0.05	1.54	0.542	0.69	19
Std. Dev.	6.9	3.46	29.7	16870	10.8	0.70	8.3	921	920	0.367	0.02	1.45	0.822	1.10	16
Minimum	3.9	0.21	2.7	208	0.1	5.39	3.8	1	1	0.008	0.03	0.76	0.040	0.07	3
Maximum	25.2	11.57	136.7	44541	28.8	8.49	46.7	3500	3500	0.780	0.07	3.71	1.760	2.33	38
Range	21.3	11.36	134.0	44333	28.7	3.10	42.9	3499	3499	0.772	0.04	2.95	1.720	2.26	35
Std. Error	1.4	0.71	6.1	3374	2.2	0.14	1.7	184	184	0.184	0.01	0.72	0.411	0.55	8
Geomean								133	122						

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	<i>Temp</i> (°C)	<i>DO</i> (mg/L)	<i>DO Percent</i> (%)	<i>Cond.</i> (µS/cm)	<i>Salinity</i> (psu)	<i>pH</i>	<i>Turbidity</i> (NTU)	<i>Fecal Coliform</i> (MPN / 100 mL)	<i>E. coli</i> (MPN / 100 mL)	<i>NO₃⁻ + NO₂⁻</i> (mg/L)	<i>NH₃</i> (mg/L)	<i>TKN</i> (mg/L)	<i>OP</i> (mg/L)	<i>TP</i> (mg/L)	<i>TSS</i> (mg/L)
Site 52	Little Indian Slough														
<i>n</i>	24	24	24	24	24	24	24	24	24	3	3	3	3	3	3
<i>Mean</i>	9.8	6.43	55.6	544	0.3	7.02	35.1	1822	801	0.278	0.26	1.89	0.057	0.43	48
<i>Std. Dev.</i>	4.1	2.18	15.7	266	0.1	0.32	36.9	3972	1762	0.460	0.24	1.76	0.038	0.39	28
<i>Minimum</i>	0.5	2.48	24.2	350	0.2	6.63	10.3	1	1	0.008	0.03	0.69	0.030	0.12	25
<i>Maximum</i>	15.7	10.25	80.3	1608	0.8	7.90	187.0	16000	7000	0.809	0.51	3.91	0.100	0.86	79
<i>Range</i>	15.2	7.77	56.1	1258	0.6	1.27	176.7	15999	6999	0.801	0.48	3.22	0.070	0.74	54
<i>Std. Error</i>	0.8	0.45	3.2	54	0.0	0.07	7.5	811	360	0.266	0.14	1.01	0.022	0.22	16
<i>Geomean</i>								144	95						
Site 40	Big Indian Slough														
<i>n</i>	26	26	26	26	26	26	26	25	26	4	4	4	4	4	4
<i>Mean</i>	11.5	4.64	42.2	405	0.7	6.92	18.5	547	358	0.595	0.25	0.74	0.062	0.14	13
<i>Std. Dev.</i>	4.1	1.95	18.0	398	2.7	0.10	7.5	1224	738	0.409	0.13	0.25	0.015	0.07	5
<i>Minimum</i>	4.3	1.55	15.9	196	0.1	6.74	6.6	33	13	0.183	0.08	0.44	0.050	0.05	6
<i>Maximum</i>	18.6	8.29	97.2	2297	13.9	7.17	33.7	5400	3500	0.997	0.37	1.04	0.080	0.20	17
<i>Range</i>	14.3	6.74	81.3	2101	13.8	0.43	27.1	5367	3487	0.814	0.29	0.60	0.030	0.15	11
<i>Std. Error</i>	0.8	0.38	3.5	78	0.5	0.02	1.5	245	145	0.204	0.06	0.12	0.007	0.03	2
<i>Geomean</i>								176	115						
Site 47	Swinomish Channel														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	11.3	8.59	91.0	38504	24.4	7.76	3.9	12	11	0.202	0.04	0.26	0.053	0.07	32
<i>Std. Dev.</i>	3.3	1.12	10.5	5283	3.6	0.16	3.5	16	16	0.124	0.01	0.02	0.021	0.02	12
<i>Minimum</i>	5.3	6.25	70.5	23369	14.1	7.47	0.9	1	1	0.044	0.03	0.25	0.030	0.05	20
<i>Maximum</i>	19.3	10.24	110.3	45422	29.1	8.13	20.3	79	79	0.340	0.06	0.30	0.070	0.09	48
<i>Range</i>	14.0	3.99	39.8	22053	15.0	0.66	19.4	78	78	0.296	0.03	0.05	0.040	0.04	28
<i>Std. Error</i>	0.7	0.22	2.1	1036	0.7	0.03	0.7	3	3	0.062	0.01	0.01	0.010	0.01	6
<i>Geomean</i>								7	6						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

Middle Skagit Watershed

	Temp (°C)	DO (mg/L)	DO Percent (%)	Cond. (µS/cm)	Salinity (psu)	pH	Turbidity (NTU)	Fecal Coliform (MPN / 100 mL)	E. coli (MPN / 100 mL)	NO ₃ ⁻ + NO ₂ ⁻ (mg/L)	NH ₃ (mg/L)	TKN (mg/L)	OP (mg/L)	TP (mg/L)	TSS (mg/L)
Site 25	Red Cabin Creek														
n	17	17	17	17	17	17	17	17	17	3	3	3	3	3	3
Mean	7.7	12.16	101.5	66	0.0	7.22	0.9	21	8	0.390	0.01	0.25	0.010	0.05	7
Std. Dev.	2.0	0.50	2.6	18	0.0	0.28	2.3	57	9	0.173	0.00	0.00	0.000	0.00	8
Minimum	3.9	11.41	95.8	36	0.0	6.85	0.0	1	1	0.197	0.01	0.25	0.010	0.05	2
Maximum	11.7	13.01	109.2	102	0.0	7.77	9.5	240	34	0.532	0.01	0.25	0.010	0.05	16
Range	7.8	1.60	13.4	66	0.0	0.92	9.5	239	33	0.335	0.00	0.00	0.000	0.00	14
Std. Error	0.5	0.12	0.6	4	0.0	0.07	0.5	14	2	0.100	0.00	0.00	0.000	0.00	5
Geomean								6	5						
Site 24	Mannser Creek														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	8.5	7.59	64.5	115	0.1	7.02	1.3	51	37	0.234	0.01	0.25	0.020	0.09	6
Std. Dev.	2.8	1.07	8.0	16	0.0	0.13	0.7	106	51	0.037	0.00	0.01	0.008	0.08	6
Minimum	2.8	5.94	49.9	74	0.0	6.69	0.5	1	1	0.181	0.01	0.25	0.010	0.05	2
Maximum	12.5	10.02	77.3	136	0.1	7.22	3.8	540	220	0.265	0.01	0.26	0.030	0.20	15
Range	9.7	4.08	27.4	62	0.1	0.53	3.3	539	219	0.084	0.00	0.01	0.020	0.15	13
Std. Error	0.6	0.21	1.6	3	0.0	0.03	0.1	21	10	0.018	0.00	0.00	0.004	0.04	3
Geomean								21	19						
Site 23	Wiseman Creek														
n	24	24	24	24	24	24	24	24	24	4	4	4	4	4	4
Mean	8.2	12.05	101.5	77	0.0	7.40	1.7	82	68	0.476	0.01	0.45	0.013	0.05	3
Std. Dev.	3.9	1.12	4.2	17	0.0	0.27	5.1	138	129	0.191	0.00	0.39	0.005	0.00	1
Minimum	2.8	9.40	93.1	35	0.0	6.85	0.1	1	1	0.294	0.01	0.25	0.010	0.05	2
Maximum	14.9	13.43	109.7	103	0.1	7.83	25.3	540	540	0.720	0.01	1.04	0.020	0.05	5
Range	12.1	4.03	16.6	68	0.1	0.98	25.2	539	539	0.426	0.00	0.79	0.010	0.00	3
Std. Error	0.8	0.23	0.9	4	0.0	0.05	1.0	28	26	0.096	0.00	0.20	0.002	0.00	1
Geomean								20	15						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

	<i>Temp</i> (°C)	<i>DO</i> (mg/L)	<i>DO Percent</i> (%)	<i>Cond.</i> (μS/cm)	<i>Salinity</i> (psu)	<i>pH</i>	<i>Turbidity</i> (NTU)	<i>Fecal Coliform</i> (MPN / 100 mL)	<i>E. coli</i> (MPN / 100 mL)	<i>NO₃⁻ + NO₂⁻</i> (mg/L)	<i>NH₃</i> (mg/L)	<i>TKN</i> (mg/L)	<i>OP</i> (mg/L)	<i>TP</i> (mg/L)	<i>TSS</i> (mg/L)
Site 22	Upper Coal Creek														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	8.5	12.16	103.1	82	0.0	7.29	1.5	124	112	0.358	0.01	0.25	0.010	0.05	3
<i>Std. Dev.</i>	4.0	1.36	5.5	23	0.0	0.29	3.9	323	323	0.202	0.00	0.00	0.000	0.00	2
<i>Minimum</i>	2.2	9.53	94.5	52	0.0	6.82	0.0	1	1	0.186	0.01	0.25	0.010	0.05	2
<i>Maximum</i>	15.1	13.96	119.0	136	0.1	8.06	20.2	1600	1600	0.639	0.01	0.25	0.010	0.05	5
<i>Range</i>	12.9	4.43	24.5	84	0.1	1.24	20.2	1599	1599	0.453	0.00	0.00	0.000	0.00	3
<i>Std. Error</i>	0.8	0.27	1.1	5	0.0	0.06	0.8	63	63	0.101	0.00	0.00	0.000	0.00	1
<i>Geomean</i>								15	12						
Site 21	Lower Coal Creek														
<i>n</i>	20	20	20	20	20	20	20	20	20	3	3	3	3	3	3
<i>Mean</i>	8.1	11.46	95.9	81	0.0	7.16	4.1	341	312	0.383	0.01	0.25	0.010	0.05	7
<i>Std. Dev.</i>	4.3	1.34	4.8	19	0.0	0.17	7.1	774	783	0.193	0.00	0.00	0.000	0.00	4
<i>Minimum</i>	1.5	8.58	85.7	57	0.0	6.75	0.2	13	8	0.201	0.01	0.25	0.010	0.05	3
<i>Maximum</i>	16.9	13.72	103.0	127	0.1	7.49	32.2	3500	3500	0.586	0.01	0.25	0.010	0.05	10
<i>Range</i>	15.4	5.14	17.3	70	0.1	0.74	32.0	3487	3492	0.385	0.00	0.00	0.000	0.00	7
<i>Std. Error</i>	1.0	0.30	1.1	4	0.0	0.04	1.6	173	175	0.112	0.00	0.00	0.000	0.00	2
<i>Geomean</i>								121	81						
Site 20	Upper Hansen Creek														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	8.9	11.49	98.4	88	0.0	7.24	5.9	123	112	0.295	0.01	0.25	0.015	0.05	4
<i>Std. Dev.</i>	3.8	1.11	3.4	25	0.0	0.19	20.7	310	310	0.211	0.00	0.00	0.006	0.00	2
<i>Minimum</i>	2.9	9.51	91.2	49	0.0	6.83	0.7	1	1	0.127	0.01	0.25	0.010	0.05	2
<i>Maximum</i>	15.1	13.44	103.7	131	0.1	7.61	107.1	1600	1600	0.602	0.01	0.25	0.020	0.05	7
<i>Range</i>	12.2	3.93	12.5	82	0.1	0.78	106.4	1599	1599	0.475	0.00	0.00	0.010	0.00	5
<i>Std. Error</i>	0.7	0.22	0.7	5	0.0	0.04	4.1	61	61	0.105	0.00	0.00	0.003	0.00	1
<i>Geomean</i>								38	29						
Site 19	Lower Hansen Creek														
<i>n</i>	22	22	22	22	22	22	22	22	22	4	4	4	4	4	4
<i>Mean</i>	10.1	9.71	84.7	81	0.0	7.12	3.2	142	129	0.203	0.01	0.26	0.015	0.05	3
<i>Std. Dev.</i>	5.3	1.65	6.9	13	0.0	0.19	2.2	202	204	0.193	0.00	0.02	0.006	0.00	1
<i>Minimum</i>	1.6	6.19	65.1	58	0.0	6.70	0.9	14	8	0.064	0.01	0.25	0.010	0.05	2
<i>Maximum</i>	19.4	11.99	96.1	107	0.1	7.47	11.5	920	920	0.481	0.02	0.28	0.020	0.05	4
<i>Range</i>	17.8	5.80	31.0	49	0.1	0.77	10.6	906	912	0.417	0.01	0.03	0.010	0.00	2
<i>Std. Error</i>	1.1	0.35	1.5	3	0.0	0.04	0.5	43	43	0.097	0.00	0.01	0.003	0.00	0
<i>Geomean</i>								72	57						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

Nookachamps Watershed

	Temp (°C)	DO (mg/L)	DO Percent (%)	Cond. (µS/cm)	Salinity (psu)	pH	Turbidity (NTU)	Fecal Coliform (MPN / 100 mL)	E. coli (MPN / 100 mL)	NO ₃ ⁻ + NO ₂ ⁻ (mg/L)	NH ₃ (mg/L)	TKN (mg/L)	OP (mg/L)	TP (mg/L)	TSS (mg/L)
Site 18	Lake Creek														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	10.0	11.42	100.5	91	0.0	7.56	2.6	90	71	0.206	0.01	0.27	0.018	0.05	2
Std. Dev.	4.1	1.25	6.7	25	0.0	0.11	1.4	124	95	0.074	0.00	0.04	0.005	0.00	0
Minimum	1.7	7.98	77.5	61	0.0	7.31	1.0	5	1	0.143	0.01	0.25	0.010	0.05	2
Maximum	16.9	14.18	112.8	147	0.1	7.73	5.6	540	350	0.290	0.02	0.32	0.020	0.05	3
Range	15.2	6.20	35.3	85	0.1	0.42	4.6	535	349	0.147	0.01	0.07	0.010	0.00	1
Std. Error	0.8	0.25	1.3	5	0.0	0.02	0.3	24	19	0.037	0.00	0.02	0.002	0.00	0
Geomean								35	25						
Site 17	Upper Nookachamps Creek (Big Lake Outlet)														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	13.2	10.39	96.6	89	0.0	7.57	2.5	105	73	0.060	0.02	0.54	0.013	0.05	6
Std. Dev.	6.1	2.27	10.5	8	0.0	0.16	1.3	322	202	0.034	0.01	0.25	0.005	0.00	3
Minimum	3.1	7.13	78.5	78	0.0	7.34	0.8	1	1	0.009	0.01	0.25	0.010	0.05	3
Maximum	24.4	14.94	112.2	105	0.1	7.93	7.0	1600	920	0.086	0.04	0.79	0.020	0.05	9
Range	21.3	7.81	33.7	27	0.1	0.59	6.2	1599	919	0.077	0.03	0.54	0.010	0.00	6
Std. Error	1.2	0.45	2.1	2	0.0	0.03	0.3	63	40	0.017	0.01	0.12	0.002	0.00	1
Geomean								18	13						
Site 15	Middle Nookachamps Creek														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	12.1	7.99	71.3	118	0.0	7.29	3.8	90	64	0.208	0.02	0.28	0.013	0.05	2
Std. Dev.	5.6	3.80	29.9	33	0.1	0.16	2.2	133	111	0.137	0.02	0.05	0.005	0.00	0
Minimum	1.9	1.51	14.5	89	0.0	7.00	1.9	2	1	0.056	0.01	0.25	0.010	0.05	2
Maximum	23.1	14.07	116.4	214	0.1	7.68	13.4	540	540	0.353	0.04	0.36	0.020	0.05	3
Range	21.2	12.56	101.9	125	0.1	0.68	11.6	538	539	0.297	0.03	0.11	0.010	0.00	1
Std. Error	1.1	0.75	5.9	6	0.0	0.03	0.4	26	22	0.069	0.01	0.03	0.002	0.00	0
Geomean								37	24						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

	<i>Temp</i> (°C)	<i>DO</i> (mg/L)	<i>DO Percent</i> (%)	<i>Cond.</i> (μS/cm)	<i>Salinity</i> (psu)	<i>pH</i>	<i>Turbidity</i> (NTU)	<i>Fecal Coliform</i> (MPN / 100 mL)	<i>E. coli</i> (MPN / 100 mL)	<i>NO₃⁻ + NO₂⁻</i> (mg/L)	<i>NH₃</i> (mg/L)	<i>TKN</i> (mg/L)	<i>OP</i> (mg/L)	<i>TP</i> (mg/L)	<i>TSS</i> (mg/L)
Site 16	Upper East Fork Nookachamps														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	10.4	8.01	69.7	93	0.0	7.24	4.0	81	64	0.103	0.03	0.43	0.015	0.05	3
<i>Std. Dev.</i>	5.2	2.91	21.7	33	0.0	0.14	3.1	88	84	0.078	0.03	0.21	0.010	0.01	1
<i>Minimum</i>	0.9	2.73	29.0	44	0.0	6.99	1.1	5	5	0.016	0.01	0.25	0.010	0.05	2
<i>Maximum</i>	20.7	12.54	103.6	157	0.1	7.51	14.1	350	350	0.204	0.07	0.65	0.030	0.06	4
<i>Range</i>	19.8	9.81	74.6	113	0.1	0.52	13.0	345	345	0.188	0.06	0.40	0.020	0.01	2
<i>Std. Error</i>	1.0	0.57	4.3	6	0.0	0.03	0.6	17	16	0.039	0.01	0.10	0.005	0.00	0
<i>Geomean</i>								50	36						
Site 13	Lower East Fork Nookachamps														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	9.8	11.93	104.3	92	0.0	7.57	2.5	113	84	0.075	0.03	0.49	0.043	0.08	6
<i>Std. Dev.</i>	4.7	1.27	7.1	29	0.0	0.23	3.0	216	201	0.052	0.01	0.14	0.022	0.01	4
<i>Minimum</i>	0.8	9.92	91.4	51	0.0	7.24	0.2	2	2	0.017	0.01	0.33	0.010	0.06	2
<i>Maximum</i>	18.9	15.33	126.2	154	0.1	8.23	12.8	920	920	0.133	0.04	0.64	0.060	0.10	11
<i>Range</i>	18.1	5.41	34.8	104	0.1	0.99	12.6	918	918	0.116	0.03	0.31	0.050	0.03	9
<i>Std. Error</i>	0.9	0.25	1.4	6	0.0	0.04	0.6	42	39	0.026	0.01	0.07	0.011	0.01	2
<i>Geomean</i>								33	20						
Site 12	Lower Nookachamps Creek														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	11.2	9.07	81.0	103	0.0	7.19	5.1	152	132	0.123	0.03	0.45	0.025	0.06	7
<i>Std. Dev.</i>	5.5	1.93	11.3	33	0.1	0.13	4.2	226	220	0.083	0.03	0.18	0.013	0.01	2
<i>Minimum</i>	1.2	5.42	53.7	47	0.0	6.90	2.6	5	5	0.048	0.01	0.25	0.010	0.05	4
<i>Maximum</i>	22.3	12.13	99.3	174	0.1	7.40	24.4	920	920	0.220	0.07	0.63	0.040	0.08	9
<i>Range</i>	21.1	6.71	45.6	128	0.1	0.50	21.8	915	915	0.172	0.06	0.38	0.030	0.03	5
<i>Std. Error</i>	1.1	0.38	2.2	6	0.0	0.02	0.8	44	43	0.041	0.01	0.09	0.006	0.01	1
<i>Geomean</i>								68	46						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

Lower Skagit Watershed

	Temp (°C)	DO (mg/L)	DO Percent (%)	Cond. (µS/cm)	Salinity (psu)	pH	Turbidity (NTU)	Fecal Coliform (MPN / 100 mL)	E. coli (MPN / 100 mL)	NO ₃ ⁻ + NO ₂ ⁻ (mg/L)	NH ₃ (mg/L)	TKN (mg/L)	OP (mg/L)	TP (mg/L)	TSS (mg/L)
Site 51	Upper Carpenter Creek														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	10.0	9.91	85.9	303	0.1	7.56	3.3	237	117	0.535	0.01	0.41	0.040	0.06	4
Std. Dev.	4.1	3.30	26.0	86	0.1	0.14	1.9	464	108	0.401	0.00	0.11	0.016	0.01	1
Minimum	0.9	1.38	13.9	204	0.1	7.36	1.2	13	5	0.035	0.01	0.25	0.020	0.05	3
Maximum	16.0	14.77	113.0	484	0.2	7.90	9.9	2400	350	0.903	0.02	0.50	0.060	0.08	5
Range	15.1	13.39	99.1	280	0.1	0.54	8.8	2387	345	0.868	0.01	0.25	0.040	0.03	2
Std. Error	0.8	0.65	5.1	17	0.0	0.03	0.4	91	21	0.201	0.00	0.06	0.008	0.01	0
Geomean								113	70						
Site 42	Lower Carpenter Creek														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	11.3	7.79	69.6	207	0.1	7.40	3.2	161	109	0.306	0.02	0.42	0.030	0.05	3
Std. Dev.	5.5	2.42	18.0	47	0.0	0.15	1.5	345	203	0.340	0.01	0.13	0.008	0.00	1
Minimum	0.1	3.47	28.9	139	0.1	7.09	0.7	5	5	0.011	0.01	0.25	0.020	0.05	2
Maximum	21.3	12.66	97.4	320	0.2	7.75	6.2	1600	920	0.607	0.03	0.55	0.040	0.06	4
Range	21.2	9.19	68.5	181	0.1	0.66	5.5	1595	915	0.596	0.02	0.30	0.020	0.01	2
Std. Error	1.1	0.47	3.5	9	0.0	0.03	0.3	68	40	0.170	0.00	0.07	0.004	0.00	0
Geomean								56	42						
Site 48	Fisher Creek														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	9.5	11.32	98.3	163	0.1	7.69	1.9	230	197	0.372	0.02	0.59	0.170	0.18	3
Std. Dev.	3.6	1.46	6.3	68	0.0	0.24	1.2	373	373	0.197	0.01	0.23	0.201	0.21	1
Minimum	0.6	8.92	84.5	55	0.0	7.27	0.4	5	5	0.187	0.01	0.25	0.040	0.05	2
Maximum	14.1	15.82	110.0	270	0.1	8.11	4.7	1600	1600	0.560	0.03	0.71	0.470	0.48	4
Range	13.5	6.90	25.5	215	0.1	0.84	4.3	1595	1595	0.373	0.02	0.46	0.430	0.43	2
Std. Error	0.7	0.29	1.2	13	0.0	0.05	0.2	73	73	0.099	0.00	0.11	0.101	0.10	0
Geomean								89	62						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

	<i>Temp</i> (°C)	<i>DO</i> (mg/L)	<i>DO Percent</i> (%)	<i>Cond.</i> (µS/cm)	<i>Salinity</i> (psu)	<i>pH</i>	<i>Turbidity</i> (NTU)	<i>Fecal Coliform</i> (MPN / 100 mL)	<i>E. coli</i> (MPN / 100 mL)	<i>NO₃⁻ + NO₂⁻</i> (mg/L)	<i>NH₃</i> (mg/L)	<i>TKN</i> (mg/L)	<i>OP</i> (mg/L)	<i>TP</i> (mg/L)	<i>TSS</i> (mg/L)
Site 41	Maddox Creek/Big Ditch														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	12.3	6.49	61.3	616	0.3	7.30	17.1	270	251	1.040	0.47	1.40	0.155	0.27	14
<i>Std. Dev.</i>	5.2	1.46	17.7	301	0.1	0.25	14.8	435	441	0.882	0.40	0.84	0.102	0.18	11
<i>Minimum</i>	1.7	4.17	35.0	72	0.0	6.83	3.9	2	2	0.010	0.02	0.32	0.050	0.08	4
<i>Maximum</i>	21.6	9.78	96.8	1056	0.5	7.85	69.4	1600	1600	1.844	0.87	2.21	0.270	0.48	25
<i>Range</i>	19.9	5.61	61.8	984	0.5	1.02	65.5	1598	1598	1.834	0.85	1.89	0.220	0.41	21
<i>Std. Error</i>	1.0	0.29	3.5	59	0.0	0.05	2.9	85	87	0.441	0.20	0.42	0.051	0.09	6
<i>Geomean</i>								95	76						
Site 44	Sullivan Slough														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	12.4	6.86	67.8	11205	6.5	7.39	23.9	172	126	0.605	0.83	1.58	0.082	0.21	20
<i>Std. Dev.</i>	4.6	2.33	26.7	7623	4.8	0.17	17.8	154	141	0.660	0.72	0.66	0.039	0.08	5
<i>Minimum</i>	4.8	3.05	27.4	2189	1.1	7.14	4.8	23	5	0.024	0.15	0.89	0.050	0.15	14
<i>Maximum</i>	22.2	11.00	132.0	29465	18.3	7.75	73.8	540	540	1.211	1.55	2.37	0.140	0.32	24
<i>Range</i>	17.4	7.95	104.6	27276	17.2	0.61	69.0	517	535	1.187	1.40	1.48	0.090	0.18	10
<i>Std. Error</i>	0.9	0.46	5.2	1495	0.9	0.03	3.5	30	28	0.330	0.36	0.33	0.020	0.04	2
<i>Geomean</i>								111	64						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

Skagit River

	Temp (°C)	DO (mg/L)	DO Percent (%)	Cond. (µS/cm)	Salinity (psu)	pH	Turbidity (NTU)	Fecal Coliform (MPN / 100 mL)	E. coli (MPN / 100 mL)	NO ₃ ⁻ + NO ₂ ⁻ (mg/L)	NH ₃ (mg/L)	TKN (mg/L)	OP (mg/L)	TP (mg/L)	TSS (mg/L)
Site 30	Skagit River near Hamilton														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	8.9	10.90	93.5	78	0.0	7.19	2.9	25	13	0.171	0.01	0.25	0.013	0.05	8
Std. Dev.	3.2	1.21	7.2	32	0.0	0.19	2.6	44	25	0.136	0.00	0.00	0.005	0.00	6
Minimum	4.6	8.80	76.7	42	0.0	6.73	0.2	1	1	0.042	0.01	0.25	0.010	0.05	2
Maximum	15.3	12.34	101.8	145	0.1	7.63	9.2	130	110	0.361	0.02	0.25	0.020	0.05	17
Range	10.7	3.54	25.1	103	0.1	0.90	9.0	129	109	0.319	0.01	0.00	0.010	0.00	15
Std. Error	0.6	0.24	1.4	6	0.0	0.04	0.5	9	5	0.068	0.00	0.00	0.002	0.00	3
Geomean								6	5						
Site 29	Skagit River near Mount Vernon														
n	26	26	26	25	26	26	26	26	26	4	4	4	4	4	4
Mean	9.5	11.40	98.9	61	0.0	7.09	3.9	59	49	0.076	0.02	0.25	0.013	0.05	3
Std. Dev.	4.0	1.27	5.1	13	0.0	0.27	4.4	118	106	0.043	0.01	0.00	0.005	0.00	2
Minimum	1.8	9.45	88.8	37	0.0	6.52	0.9	2	2	0.031	0.01	0.25	0.010	0.05	2
Maximum	15.9	13.67	109.5	92	0.0	7.80	23.5	540	540	0.116	0.04	0.25	0.020	0.05	7
Range	14.1	4.22	20.7	56	0.0	1.28	22.6	538	538	0.085	0.03	0.00	0.010	0.00	5
Std. Error	0.8	0.25	1.0	3	0.0	0.05	0.9	23	21	0.022	0.01	0.00	0.002	0.00	1
Geomean								25	20						
Site 45	North Fork Skagit River														
n	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
Mean	9.7	11.18	97.4	60	0.0	7.73	4.5	13	12	0.077	0.02	0.25	0.013	0.05	5
Std. Dev.	4.0	1.22	5.3	10	0.0	0.16	4.5	11	12	0.042	0.01	0.00	0.005	0.00	1
Minimum	2.1	9.10	82.6	41	0.0	7.39	1.0	1	1	0.035	0.01	0.25	0.010	0.05	4
Maximum	16.3	12.98	104.7	87	0.0	7.99	23.5	49	49	0.121	0.03	0.25	0.020	0.05	6
Range	14.2	3.88	22.1	46	0.0	0.60	22.5	48	48	0.086	0.02	0.00	0.010	0.00	2
Std. Error	0.8	0.24	1.0	2	0.0	0.03	0.9	2	2	0.021	0.00	0.00	0.002	0.00	1
Geomean								9	7						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

	<i>Temp</i> (°C)	<i>DO</i> (mg/L)	<i>DO Percent</i> (%)	<i>Cond.</i> (µS/cm)	<i>Salinity</i> (psu)	<i>pH</i>	<i>Turbidity</i> (NTU)	<i>Fecal Coliform</i> (MPN / 100 mL)	<i>E. coli</i> (MPN / 100 mL)	<i>NO₃⁻ + NO₂⁻</i> (mg/L)	<i>NH₃</i> (mg/L)	<i>TKN</i> (mg/L)	<i>OP</i> (mg/L)	<i>TP</i> (mg/L)	<i>TSS</i> (mg/L)
Site 46	South Fork Skagit River														
<i>n</i>	26	26	26	26	26	26	26	26	26	4	4	4	4	4	4
<i>Mean</i>	9.9	11.18	97.9	60	0.0	7.62	5.0	64	45	0.078	0.03	0.25	0.013	0.05	7
<i>Std. Dev.</i>	4.2	1.30	6.4	8	0.0	0.14	6.0	115	67	0.040	0.01	0.00	0.005	0.00	7
<i>Minimum</i>	1.8	8.53	80.7	41	0.0	7.30	1.0	2	1	0.039	0.01	0.25	0.010	0.05	3
<i>Maximum</i>	16.8	13.94	107.3	73	0.0	7.85	32.4	540	240	0.123	0.04	0.25	0.020	0.05	17
<i>Range</i>	15.0	5.41	26.6	32	0.0	0.55	31.4	538	239	0.084	0.03	0.00	0.010	0.00	14
<i>Std. Error</i>	0.8	0.26	1.3	2	0.0	0.03	1.2	22	13	0.020	0.01	0.00	0.002	0.00	3
<i>Geomean</i>								25	18						

Temp = Water Temperature, DO = Dissolved Oxygen, NO₃⁻ + NO₂⁻ = Nitrate + Nitrite, NH₃ = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids