

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 <sub>3</sub> <sup>-</sup> + NO <sub>2</sub> <sup>-</sup> (mg/L)	NH <sub>3</sub> (mg/L)	TKN (mg/L)	OP (mg/L)	TP (mg/L)	TSS (mg/L)
<b>Site 11</b>	<b>Upper Samish River</b>														
n	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
Mean	8.8	8.07	69.2	81	0.0	7.02	2.6	47	42	0.229	0.02	0.68	0.015	0.05	3
Std. Dev.	3.3	1.09	5.9	22	0.0	0.22	1.3	78	79	0.028	0.01	0.73	0.006	0.00	1
Minimum	2.6	6.29	58.7	44	0.0	6.45	1.0	2	1	0.203	0.01	0.25	0.010	0.05	2
Maximum	14.9	9.90	81.7	109	0.1	7.38	5.0	350	350	0.264	0.03	1.77	0.020	0.05	5
Range	12.3	3.61	23.0	65	0.1	0.93	4.0	348	349	0.061	0.02	1.52	0.010	0.00	3
Std. Error	0.7	0.21	1.2	4	0.0	0.04	0.2	15	15	0.014	0.01	0.37	0.003	0.00	1
Geomean								15	14						
<b>Site 8</b>	<b>Swede Creek</b>														
n	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
Mean	9.2	10.68	91.4	77	0.0	7.12	10.5	121	108	0.459	0.01	1.03	0.050	0.08	26
Std. Dev.	4.6	1.74	6.2	24	0.0	0.20	17.3	317	318	0.486	0.00	1.28	0.041	0.06	43
Minimum	2.1	7.90	79.6	46	0.0	6.52	2.9	7	7	0.044	0.01	0.28	0.020	0.05	3
Maximum	16.7	13.30	100.4	132	0.1	7.39	91.5	1600	1600	1.115	0.02	2.93	0.110	0.16	90
Range	14.6	5.40	20.8	86	0.1	0.87	88.6	1593	1593	1.071	0.01	2.65	0.090	0.11	87
Std. Error	0.9	0.35	1.2	5	0.0	0.04	3.5	63	64	0.243	0.00	0.64	0.020	0.03	21
Geomean								57	33						
<b>Site 6</b>	<b>Friday Creek</b>														
n	26	26	26	25	26	24	26	26	26	4	4	4	4	4	4
Mean	10.3	11.32	96.0	89	0.0	7.36	4.0	121	98	0.399	0.01	0.37	0.025	0.06	16
Std. Dev.	5.0	1.61	18.6	27	0.0	0.38	6.5	312	310	0.346	0.00	0.15	0.017	0.03	26
Minimum	3.1	7.92	10.1	52	0.0	6.67	0.4	4	4	0.062	0.01	0.25	0.010	0.05	2
Maximum	17.5	13.67	110.8	134	0.1	8.08	34.1	1600	1600	0.843	0.02	0.55	0.050	0.10	55
Range	14.4	5.75	100.7	82	0.1	1.41	33.7	1596	1596	0.781	0.01	0.30	0.040	0.05	53
Std. Error	1.0	0.32	3.6	5	0.0	0.08	1.3	61	61	0.173	0.00	0.07	0.009	0.01	13
Geomean								35	22						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

	<b>Temp</b> (°C)	<b>DO</b> (mg/L)	<b>DO Percent</b> (%)	<b>Cond.</b> (µS/cm)	<b>Salinity</b> (psu)	<b>pH</b>	<b>Turbidity</b> (NTU)	<b>Fecal Coliform</b> (MPN / 100 mL)	<b>E. coli</b> (MPN / 100 mL)	<b>NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup></b> (mg/L)	<b>NH<sub>3</sub></b> (mg/L)	<b>TKN</b> (mg/L)	<b>OP</b> (mg/L)	<b>TP</b> (mg/L)	<b>TSS</b> (mg/L)
<b>Site 4</b>	<b>Upper Thomas Creek</b>														
<i>n</i>	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
<i>Mean</i>	9.2	11.21	96.0	139	0.1	7.33	11.0	354	317	0.975	0.01	0.56	0.075	0.13	65
<i>Std. Dev.</i>	3.8	1.23	5.1	56	0.1	0.31	8.0	682	679	0.287	0.00	0.34	0.066	0.16	122
<i>Minimum</i>	3.2	9.01	84.5	57	0.0	6.69	1.6	23	8	0.695	0.01	0.25	0.020	0.05	2
<i>Maximum</i>	14.8	13.07	108.1	214	0.1	7.77	30.9	3500	3500	1.354	0.02	0.92	0.170	0.38	248
<i>Range</i>	11.6	4.06	23.6	157	0.1	1.08	29.3	3477	3492	0.659	0.01	0.67	0.150	0.33	246
<i>Std. Error</i>	0.8	0.24	1.0	11	0.0	0.06	1.6	134	133	0.144	0.00	0.17	0.033	0.08	61
<i>Geomean</i>								174	124						
<b>Site 3</b>	<b>Lower Thomas Creek</b>														
<i>n</i>	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
<i>Mean</i>	10.4	6.01	50.7	169	0.1	7.06	18.3	280	120	0.512	0.06	0.70	0.035	0.09	14
<i>Std. Dev.</i>	4.8	3.87	31.8	78	0.0	0.24	15.8	731	244	0.618	0.07	0.70	0.006	0.05	8
<i>Minimum</i>	3.3	0.08	0.9	3	0.0	6.55	4.8	7	2	0.017	0.01	0.25	0.030	0.05	3
<i>Maximum</i>	18	13.51	124.3	298	0.1	7.68	58.9	3500	920	1.324	0.17	1.74	0.040	0.16	23
<i>Range</i>	14.7	13.43	123.4	296	0.1	1.13	54.1	3493	918	1.307	0.16	1.49	0.010	0.12	20
<i>Std. Error</i>	0.9	0.76	6.2	15	0.0	0.05	3.1	143	48	0.309	0.04	0.35	0.003	0.03	4
<i>Geomean</i>								53	35						
<b>Site 32</b>	<b>Lower Samish River</b>														
<i>n</i>	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
<i>Mean</i>	10.6	11.17	98.6	106	0.0	7.71	6.6	85	63	0.470	0.02	0.35	0.022	0.07	20
<i>Std. Dev.</i>	4.9	1.32	7.8	29	0.1	0.25	9.6	72	71	0.141	0.01	0.12	0.013	0.04	31
<i>Minimum</i>	3.0	8.48	78.8	57	0.0	7.21	1.5	8	1	0.324	0.01	0.25	0.010	0.05	2
<i>Maximum</i>	18.2	13.89	121.1	146	0.1	8.16	38.8	350	350	0.621	0.03	0.46	0.040	0.14	66
<i>Range</i>	15.2	5.41	42.3	89	0.1	0.95	37.3	342	349	0.297	0.02	0.21	0.030	0.09	64
<i>Std. Error</i>	1.0	0.26	1.5	6	0.0	0.05	1.9	14	14	0.070	0.01	0.06	0.006	0.02	15
<i>Geomean</i>								53	36						
<b>Site 39</b>	<b>Colony Creek</b>														
<i>n</i>	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
<i>Mean</i>	9.2	10.63	90.2	145	0.0	7.28	13.1	675	227	0.716	0.02	0.45	0.085	0.21	79
<i>Std. Dev.</i>	4.3	2.07	9.9	89	0.1	0.26	25.1	1810	438	0.557	0.02	0.25	0.050	0.17	143
<i>Minimum</i>	2.7	7.23	68.2	55	0.0	6.69	2.0	1	1	0.207	0.01	0.25	0.020	0.05	2
<i>Maximum</i>	15.8	13.62	102.3	290	0.1	7.63	132.0	9200	1600	1.352	0.05	0.81	0.140	0.43	294
<i>Range</i>	13.1	6.39	34.1	236	0.1	0.94	130.0	9199	1599	1.145	0.04	0.56	0.120	0.38	292
<i>Std. Error</i>	0.9	0.41	1.9	17	0.0	0.05	4.9	355	86	0.279	0.01	0.12	0.025	0.08	72
<i>Geomean</i>								67	38						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

	<b>Temp</b> (°C)	<b>DO</b> (mg/L)	<b>DO Percent</b> (%)	<b>Cond.</b> (µS/cm)	<b>Salinity</b> (psu)	<b>pH</b>	<b>Turbidity</b> (NTU)	<b>Fecal Coliform</b> (MPN / 100 mL)	<b>E. coli</b> (MPN / 100 mL)	<b>NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup></b> (mg/L)	<b>NH<sub>3</sub></b> (mg/L)	<b>TKN</b> (mg/L)	<b>OP</b> (mg/L)	<b>TP</b> (mg/L)	<b>TSS</b> (mg/L)
<b>Site 38</b>	<b>North Edison Drainage</b>														
<i>n</i>	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
<i>Mean</i>	12.2	5.82	60.0	20566	12.8	7.60	23.8	560	478	0.540	1.27	2.87	0.950	1.49	40
<i>Std. Dev.</i>	5.8	5.24	62.2	15819	10.4	0.76	15.6	902	921	0.633	1.45	1.54	1.014	1.49	25
<i>Minimum</i>	3.4	0.09	1.1	836	0.4	6.62	11.0	5	5	0.016	0.27	0.96	0.140	0.24	14
<i>Maximum</i>	22.2	20.17	238.0	45856	29.8	8.87	83.0	3500	3500	1.364	3.40	4.48	2.250	3.26	69
<i>Range</i>	18.8	20.08	236.9	45020	29.4	2.25	72.0	3495	3495	1.348	3.13	3.52	2.110	3.02	55
<i>Std. Error</i>	1.1	1.03	12.2	3102	2.0	0.16	3.1	177	181	0.317	0.72	0.77	0.507	0.75	12
<i>Geomean</i>								149	94						
<b>Site 36</b>	<b>Edison Slough</b>														
<i>n</i>	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
<i>Mean</i>	12.5	7.85	80.3	18178	11.4	7.55	13.1	437	218	0.403	0.13	0.95	0.430	0.39	21
<i>Std. Dev.</i>	7.1	3.24	44.5	18120	11.7	0.72	12.0	550	341	0.459	0.17	0.33	0.482	0.58	16
<i>Minimum</i>	2.0	3.66	40.2	13	0.1	6.60	3.4	11	8	0.017	0.02	0.51	0.060	0.05	5
<i>Maximum</i>	25.2	17.32	239.3	44498	28.8	8.92	46.3	1600	1600	0.974	0.38	1.21	1.100	1.26	43
<i>Range</i>	23.2	13.66	199.1	44485	28.7	2.32	42.9	1589	1592	0.957	0.36	0.70	1.040	1.21	38
<i>Std. Error</i>	1.4	0.64	8.7	3554	2.3	0.15	2.3	108	67	0.230	0.08	0.16	0.241	0.29	8
<i>Geomean</i>								73	67						
<b>Site 37</b>	<b>South Edison Drainage</b>														
<i>n</i>	26	26	26	26	26	24	26	26	26	4	4	3	4	4	4
<i>Mean</i>	12.6	6.82	66.2	9143	5.4	7.66	22.1	726	577	0.777	0.86	2.50	0.385	0.66	49
<i>Std. Dev.</i>	6.2	3.75	40.4	10354	6.5	0.66	33.3	912	742	1.036	0.81	0.20	0.296	0.44	67
<i>Minimum</i>	3.1	0.61	7.6	465	0.2	6.85	2.2	23	17	0.005	0.01	2.37	0.170	0.25	9
<i>Maximum</i>	21.8	18.62	186.0	38713	24.7	8.65	136.0	3500	2400	2.211	1.74	2.73	0.820	1.21	149
<i>Range</i>	18.7	18.01	178.4	38248	24.5	1.80	133.8	3477	2383	2.206	1.73	0.36	0.650	0.96	140
<i>Std. Error</i>	1.2	0.74	7.9	2031	1.3	0.13	6.5	179	145	0.518	0.40	0.12	0.148	0.22	34
<i>Geomean</i>								167	108						
<b>Site 33</b>	<b>Alice Bay Drainage</b>														
<i>n</i>	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
<i>Mean</i>	12.3	7.94	87.4	30237	19.0	7.40	20.1	284	188	0.517	0.52	3.05	0.210	0.62	54
<i>Std. Dev.</i>	5.5	5.57	70.6	13712	9.3	0.84	16.8	560	437	0.594	0.68	1.47	0.307	0.68	24
<i>Minimum</i>	3.7	0.83	10.6	4539	2.4	6.15	6.6	2	1	0.005	0.06	1.07	0.030	0.15	24
<i>Maximum</i>	20.3	20.52	263.7	46855	30.5	8.99	95.1	2400	1600	1.153	1.52	4.32	0.670	1.60	76
<i>Range</i>	16.6	19.69	253.1	42316	28.1	2.84	88.5	2398	1599	1.148	1.46	3.25	0.640	1.45	52
<i>Std. Error</i>	1.1	1.09	13.8	2689	1.8	0.17	3.3	110	86	0.297	0.34	0.73	0.154	0.34	12
<i>Geomean</i>								48	23						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = 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 <sub>3</sub> <sup>-</sup> + NO <sub>2</sub> <sup>-</sup> (mg/L)	NH <sub>3</sub> (mg/L)	TKN (mg/L)	OP (mg/L)	TP (mg/L)	TSS (mg/L)
<b>Site 49</b>	<b>Middle Joe Leary Slough</b>														
n	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
Mean	11.6	4.15	37.6	358	0.2	7.10	32.5	224	120	1.333	0.6	1.51	0.103	0.30	42
Std. Dev.	4.0	1.68	14.2	44	0.0	0.17	30.6	252	180	2.010	0.36	0.81	0.080	0.32	54
Minimum	4.8	0.73	7.5	216	0.1	6.71	2.9	13	4	0.100	0.26	0.71	0.040	0.06	8
Maximum	17.6	7.96	66.4	408	0.2	7.41	149.0	920	920	4.307	1.04	2.63	0.220	0.76	122
Range	12.8	7.23	58.9	192	0.1	0.70	146.1	907	916	4.207	0.78	1.92	0.180	0.70	114
Std. Error	0.8	0.33	2.8	9	0.0	0.04	6.0	50	35	1.005	0.18	0.40	0.040	0.16	27
Geomean								105	51						
<b>Site 50</b>	<b>Lower Joe Leary Slough</b>														
n	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
Mean	12.8	5.80	55.0	1555	0.8	7.14	26.9	282	131	1.138	0.38	1.13	0.078	0.16	15
Std. Dev.	5.5	1.76	18.4	2167	1.2	0.19	19.9	374	197	1.743	0.34	0.72	0.022	0.08	7
Minimum	4.2	3.29	32.1	192	0.1	6.74	3.5	31	8	0.009	0.01	0.36	0.050	0.08	8
Maximum	21.3	10.01	111.9	8032	4.5	7.50	105.2	1600	920	3.737	0.79	2.02	0.100	0.25	24
Range	17.1	6.72	79.8	7840	4.4	0.76	101.7	1569	912	3.728	0.78	1.66	0.050	0.17	16
Std. Error	1.1	0.34	3.6	425	0.2	0.04	3.9	73	39	0.871	0.17	0.36	0.011	0.04	3
Geomean								133	65						
<b>Site 34</b>	<b>No Name Slough</b>														
n	24	24	24	24	24	22	24	24	24	3	3	3	3	3	3
Mean	12.2	6.06	59.3	24476	15.6	7.69	8.2	343	205	0.109	0.10	1.57	1.367	1.84	46
Std. Dev.	6.5	3.53	31.7	21148	13.9	0.78	5.4	815	646	0.170	0.08	0.91	1.208	1.52	41
Minimum	2.5	0.68	8.4	349	0.2	6.47	0.9	1	1	0.005	0.04	0.69	0.030	0.09	10
Maximum	21.1	11.77	138.9	50140	32.9	8.71	24.8	3100	3100	0.305	0.19	2.50	2.380	2.76	90
Range	18.6	11.09	130.5	49791	32.7	2.24	23.9	3099	3099	0.300	0.15	1.81	2.350	2.67	80
Std. Error	1.3	0.72	6.5	4317	2.8	0.17	1.1	166	132	0.098	0.05	0.52	0.697	0.88	23
Geomean								100	32						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = 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>NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup></i> (mg/L)	<i>NH<sub>3</sub></i> (mg/L)	<i>TKN</i> (mg/L)	<i>OP</i> (mg/L)	<i>TP</i> (mg/L)	<i>TSS</i> (mg/L)
<b>Site 52</b>	<b>Little Indian Slough</b>														
<i>n</i>	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
<i>Mean</i>	10.4	6.01	50.7	169	0.1	7.06	18.3	280	120	0.512	0.06	0.70	0.035	0.09	14
<i>Std. Dev.</i>	4.8	3.87	31.8	78	0.0	0.24	15.8	731	244	0.618	0.07	0.70	0.006	0.05	8
<i>Minimum</i>	3.3	0.08	0.9	3	0.0	6.55	4.8	7	2	0.017	0.01	0.25	0.030	0.05	3
<i>Maximum</i>	18.0	13.51	124.3	298	0.1	7.68	58.9	3500	920	1.324	0.17	1.74	0.040	0.16	23
<i>Range</i>	14.7	13.43	123.4	296	0.1	1.13	54.1	3493	918	1.307	0.16	1.49	0.010	0.12	20
<i>Std. Error</i>	0.9	0.76	6.2	15	0.0	0.05	3.1	143	48	0.309	0.04	0.35	0.003	0.03	4
<i>Geomean</i>								53	35						
<b>Site 40</b>	<b>Big Indian Slough</b>														
<i>n</i>	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
<i>Mean</i>	11.0	3.44	29.8	619	0.2	6.93	16.5	242	92	0.351	0.30	1.02	0.053	0.20	20
<i>Std. Dev.</i>	5.3	1.88	15.3	858	0.3	0.21	9.0	352	77	0.305	0.21	0.12	0.019	0.09	14
<i>Minimum</i>	0.9	0.11	1.1	229	0.1	6.44	5.9	33	9	0.008	0.02	0.84	0.040	0.07	6
<i>Maximum</i>	19.4	6.42	50.9	3748	1.6	7.42	38.3	1600	280	0.700	0.50	1.11	0.080	0.29	39
<i>Range</i>	18.5	6.31	49.8	3519	1.5	0.98	32.4	1567	271	0.692	0.48	0.27	0.040	0.22	33
<i>Std. Error</i>	1.1	0.38	3.1	172	0.1	0.04	1.8	70	15	0.153	0.11	0.06	0.009	0.05	7
<i>Geomean</i>								65	47						
<b>Site 47</b>	<b>Swinomish Channel</b>														
<i>n</i>	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
<i>Mean</i>	10.2	8.75	90.2	39044	24.8	7.76	3.6	15	12	0.208	0.04	0.25	0.060	0.08	36
<i>Std. Dev.</i>	3.7	1.06	10.0	4356	3.1	0.20	1.4	24	17	0.092	0.02	0.00	0.016	0.02	8
<i>Minimum</i>	3.3	6.82	70.1	25906	15.7	7.07	0.8	1	1	0.132	0.03	0.25	0.040	0.06	27
<i>Maximum</i>	16.7	11.34	110.7	43290	27.7	7.99	5.9	110	70	0.339	0.06	0.25	0.080	0.10	46
<i>Range</i>	13.4	4.52	40.6	17384	12.0	0.92	5.1	109	69	0.207	0.03	0.00	0.040	0.04	19
<i>Std. Error</i>	0.7	0.21	2.0	871	0.6	0.04	0.3	5	3	0.046	0.01	0.00	0.008	0.01	4
<i>Geomean</i>								5	5						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = 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 <sub>3</sub> <sup>-</sup> + NO <sub>2</sub> <sup>-</sup> (mg/L)	NH <sub>3</sub> (mg/L)	TKN (mg/L)	OP (mg/L)	TP (mg/L)	TSS (mg/L)
<b>Site 25</b>	<b>Red Cabin Creek</b>														
n	18	18	18	18	18	16	18	18	18	3	3	3	3	3	3
Mean	7.0	12.34	101.7	68	0.0	7.13	1.5	45	44	0.438	0.01	0.25	0.013	0.05	7
Std. Dev.	2.3	0.88	5.8	18	0.0	0.33	3.2	83	83	0.349	0.01	0.00	0.006	0.00	9
Minimum	3.4	10.68	93.6	33	0.0	6.32	0.0	1	1	0.044	0.01	0.25	0.008	0.05	2
Maximum	10.8	14.51	116.8	105	0.1	7.57	10.4	350	350	0.710	0.02	0.25	0.020	0.06	17
Range	7.4	3.83	23.2	72	0.1	1.25	10.4	349	349	0.666	0.01	0.00	0.012	0.00	15
Std. Error	0.5	0.21	1.4	4	0.0	0.08	0.7	20	20	0.202	0.00	0.00	0.004	0.00	5
Geomean								8	7						
<b>Site 24</b>	<b>Mannser Creek</b>														
n	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
Mean	9.5	6.62	57.9	110	0.1	6.94	1.8	42	30	0.223	0.03	0.27	0.018	0.05	3
Std. Dev.	3.6	0.84	8.1	22	0.0	0.17	0.7	58	53	0.095	0.02	0.04	0.005	0.00	0
Minimum	3.5	4.61	39.4	53	0.0	6.53	0.7	1	1	0.083	0.01	0.25	0.010	0.05	2
Maximum	15.6	8.85	71.4	136	0.1	7.26	3.4	240	240	0.290	0.06	0.33	0.020	0.05	3
Range	12.1	4.24	32.0	83	0.1	0.73	2.7	239	239	0.207	0.05	0.08	0.010	0.00	1
Std. Error	0.7	0.16	1.6	4	0.0	0.03	0.1	11	10	0.047	0.01	0.02	0.002	0.00	0
Geomean								15	14						
<b>Site 23</b>	<b>Wiseman Creek</b>														
n	21	21	21	21	21	19	21	21	21	4	4	4	4	4	4
Mean	7.8	12.16	101.4	73	0.0	7.26	3.7	253	171	0.624	0.01	0.25	0.012	0.08	18
Std. Dev.	3.9	1.10	3.6	16	0.0	0.27	9.1	609	522	0.251	0.00	0.00	0.005	0.06	32
Minimum	2.2	10.07	92.4	46	0.0	6.84	0.1	1	1	0.390	0.01	0.25	0.009	0.05	2
Maximum	14.4	13.64	107.0	109	0.1	7.84	31.9	2400	2400	0.890	0.01	0.25	0.020	0.16	67
Range	12.2	3.57	14.6	63	0.1	1.00	31.8	2399	2399	0.500	0.00	0.00	0.011	0.11	65
Std. Error	0.9	0.24	0.8	3	0.0	0.06	2.0	133	114	0.125	0.00	0.00	0.003	0.03	16
Geomean								13	14						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

	<b>Temp</b> (°C)	<b>DO</b> (mg/L)	<b>DO Percent</b> (%)	<b>Cond.</b> (µS/cm)	<b>Salinity</b> (psu)	<b>pH</b>	<b>Turbidity</b> (NTU)	<b>Fecal Coliform</b> (MPN / 100 mL)	<b>E. coli</b> (MPN / 100 mL)	<b>NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup></b> (mg/L)	<b>NH<sub>3</sub></b> (mg/L)	<b>TKN</b> (mg/L)	<b>OP</b> (mg/L)	<b>TP</b> (mg/L)	<b>TSS</b> (mg/L)
<b>Site 22</b>	<b>Upper Coal Creek</b>														
<i>n</i>	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
<i>Mean</i>	8.4	12.10	102.5	91	0.0	7.07	4.7	69	62	0.511	0.01	0.27	0.012	0.05	10
<i>Std. Dev.</i>	4.3	1.45	6.6	33	0.0	0.41	15.4	114	110	0.311	0.00	0.02	0.006	0.01	17
<i>Minimum</i>	2.2	9.69	91.2	52	0.0	6.27	0.0	1	1	0.240	0.01	0.25	0.007	0.05	2
<i>Maximum</i>	15.0	15.2	121.9	160	0.1	7.72	77.2	350	350	0.790	0.01	0.29	0.020	0.06	36
<i>Range</i>	12.8	5.51	30.7	109	0.1	1.45	77.2	349	349	0.550	0.00	0.04	0.013	0.01	34
<i>Std. Error</i>	0.9	0.29	1.3	7	0.0	0.09	3.1	23	22	0.156	0.00	0.01	0.003	0.00	8
<i>Geomean</i>								12	8						
<b>Site 21</b>	<b>Lower Coal Creek</b>														
<i>n</i>	19	19	19	19	19	17	19	19	19	3	3	3	3	3	3
<i>Mean</i>	7.4	11.47	94.2	80	0.0	7.13	9.6	161	133	0.562	0.02	0.25	0.017	0.06	18
<i>Std. Dev.</i>	4.2	1.50	5.8	22	0.0	0.14	24.3	192	168	0.305	0.01	0.00	0.006	0.02	24
<i>Minimum</i>	1.7	7.66	74.3	38	0.0	6.85	1.0	5	2	0.210	0.01	0.25	0.010	0.05	2
<i>Maximum</i>	14.3	13.20	102.0	138	0.1	7.33	106.7	540	540	0.747	0.03	0.25	0.020	0.09	46
<i>Range</i>	12.6	5.54	27.7	100	0.1	0.48	105.7	535	538	0.537	0.02	0.00	0.010	0.04	44
<i>Std. Error</i>	1.0	0.34	1.3	5	0.0	0.03	5.6	44	38	0.176	0.01	0.00	0.003	0.01	14
<i>Geomean</i>								76	63						
<b>Site 20</b>	<b>Upper Hansen Creek</b>														
<i>n</i>	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
<i>Mean</i>	9.0	11.26	96.2	92	0.0	7.18	5.5	129	103	0.327	0.01	0.28	0.052	0.12	53
<i>Std. Dev.</i>	3.8	1.15	3.6	26	0.0	0.18	13.1	186	185	0.203	0.00	0.06	0.072	0.14	102
<i>Minimum</i>	3.3	9.08	89.8	52	0.0	6.83	0.9	2	2	0.153	0.01	0.25	0.010	0.05	2
<i>Maximum</i>	14.9	13.2	105.0	132	0.1	7.49	59.9	920	920	0.556	0.01	0.37	0.160	0.33	206
<i>Range</i>	11.6	4.12	15.2	80	0.1	0.66	59.0	918	918	0.403	0.00	0.12	0.150	0.28	204
<i>Std. Error</i>	0.7	0.23	0.7	5	0.0	0.04	2.6	37	36	0.101	0.00	0.03	0.036	0.07	51
<i>Geomean</i>								44	31						
<b>Site 19</b>	<b>Lower Hansen Creek</b>														
<i>n</i>	19	19	19	19	19	17	19	19	19	3	3	3	3	3	3
<i>Mean</i>	8.7	9.87	83.2	83	0.0	7.03	5.0	112	73	0.268	0.02	0.56	0.020	0.06	8
<i>Std. Dev.</i>	4.9	2.01	9.9	13	0.0	0.22	6.9	212	123	0.160	0.02	0.54	0.010	0.01	9
<i>Minimum</i>	2.5	5.83	57.3	54	0.0	6.38	0.7	11	8	0.101	0.01	0.25	0.010	0.05	3
<i>Maximum</i>	17.0	13.56	98.1	103	0.1	7.24	30.0	920	540	0.420	0.04	1.19	0.030	0.07	18
<i>Range</i>	14.5	7.73	40.8	48	0.1	0.86	29.3	909	532	0.319	0.03	0.94	0.020	0.02	15
<i>Std. Error</i>	1.1	0.46	2.3	3	0.0	0.05	1.6	49	28	0.092	0.01	0.31	0.006	0.01	5
<i>Geomean</i>								75	46						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = 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 <sub>3</sub> <sup>-</sup> + NO <sub>2</sub> <sup>-</sup> (mg/L)	NH <sub>3</sub> (mg/L)	TKN (mg/L)	OP (mg/L)	TP (mg/L)	TSS (mg/L)
<b>Site 18</b>	<b>Lake Creek</b>														
n	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
Mean	9.5	11.32	97.5	100	0.0	7.52	2.1	101	61	0.281	0.01	0.25	0.015	0.05	2
Std. Dev.	4.8	1.68	6.7	33	0.1	0.13	1.5	140	98	0.101	0.00	0.00	0.006	0.00	0
Minimum	0.6	8.55	83.9	59	0.0	7.18	0.5	1	1	0.176	0.01	0.25	0.010	0.05	2
Maximum	17.5	14.43	112.5	145	0.1	7.71	7.3	540	350	0.414	0.02	0.25	0.020	0.05	2
Range	16.9	5.88	28.6	86	0.1	0.53	6.8	539	349	0.238	0.01	0.00	0.010	0.00	0
Std. Error	1.0	0.34	1.3	7	0.0	0.03	0.3	28	20	0.051	0.00	0.00	0.003	0.00	0
Geomean								42	22						
<b>Site 17</b>	<b>Upper Nookachamps Creek (Big Lake Outlet)</b>														
n	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
Mean	12.4	9.76	88.4	87	0.0	7.42	2.8	48	35	0.152	0.01	0.30	0.028	0.07	10
Std. Dev.	6.5	2.29	11.6	10	0.0	0.13	2.7	57	58	0.135	0.01	0.10	0.010	0.05	15
Minimum	3.0	6.26	69.6	68	0.0	7.12	0.5	1	1	0.018	0.01	0.25	0.020	0.05	2
Maximum	21.8	13.05	114.8	104	0.1	7.65	13.7	240	240	0.285	0.02	0.46	0.040	0.14	32
Range	18.8	6.79	45.2	36	0.1	0.53	13.2	239	239	0.267	0.01	0.21	0.020	0.09	30
Std. Error	1.3	0.46	2.3	2	0.0	0.03	0.5	11	12	0.067	0.00	0.05	0.005	0.02	7
Geomean								14	12						
<b>Site 15</b>	<b>Middle Nookachamps Creek</b>														
n	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
Mean	11.1	7.46	63.6	122	0.0	7.22	4.9	89	71	0.254	0.02	0.33	0.022	0.07	10
Std. Dev.	5.7	4.62	36.0	40	0.1	0.16	2.4	123	120	0.175	0.02	0.16	0.019	0.03	16
Minimum	2.2	0.81	8.1	82	0.0	6.98	2.3	5	2	0.086	0.01	0.25	0.009	0.05	2
Maximum	20.4	13.18	106.5	204	0.1	7.54	14.5	540	540	0.480	0.04	0.58	0.050	0.12	34
Range	18.2	12.37	98.4	122	0.1	0.56	12.2	535	538	0.394	0.03	0.33	0.041	0.07	32
Std. Error	1.1	0.92	7.2	8	0.0	0.03	0.5	25	24	0.088	0.01	0.08	0.010	0.02	8
Geomean								67	33						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = 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>NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup></i> (mg/L)	<i>NH<sub>3</sub></i> (mg/L)	<i>TKN</i> (mg/L)	<i>OP</i> (mg/L)	<i>TP</i> (mg/L)	<i>TSS</i> (mg/L)
<b>Site 16</b>	<b>Upper East Fork Nookachamps</b>														
<i>n</i>	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
<i>Mean</i>	9.4	11.61	99.4	109	0.0	7.38	1.8	129	72	0.170	0.02	0.28	0.035	0.07	4
<i>Std. Dev.</i>	5.5	1.65	6.2	42	0.0	0.13	2.0	225	128	0.163	0.01	0.03	0.026	0.03	2
<i>Minimum</i>	0.1	8.19	82.2	54	0.0	7.03	0.1	2	2	0.005	0.01	0.25	0.010	0.05	2
<i>Maximum</i>	19.1	14.51	110.3	194	0.1	7.64	8.1	920	540	0.340	0.03	0.32	0.070	0.11	7
<i>Range</i>	19.0	6.32	28.1	141	0.1	0.61	8.1	918	538	0.335	0.02	0.07	0.060	0.06	5
<i>Std. Error</i>	1.1	0.33	1.2	8	0.0	0.03	0.4	45	26	0.081	0.00	0.02	0.013	0.01	1
<i>Geomean</i>								26	23						
<b>Site 13</b>	<b>Lower East Fork Nookachamps</b>														
<i>n</i>	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
<i>Mean</i>	10.3	7.35	62.5	115	0.1	7.14	4.8	160	116	0.158	0.03	0.33	0.015	0.05	4
<i>Std. Dev.</i>	6.3	2.78	19.1	41	0.1	0.15	2.7	245	194	0.120	0.02	0.12	0.006	0.00	2
<i>Minimum</i>	0.3	2.01	22.5	42	0.0	6.89	1.4	5	5	0.016	0.01	0.25	0.010	0.05	2
<i>Maximum</i>	21.3	12.18	95.2	182	0.1	7.49	13.0	920	920	0.270	0.06	0.50	0.020	0.05	6
<i>Range</i>	21.0	10.17	72.7	139	0.1	0.60	11.6	915	915	0.254	0.05	0.25	0.010	0.00	4
<i>Std. Error</i>	1.3	0.56	3.8	8	0.0	0.03	0.5	49	39	0.060	0.01	0.06	0.003	0.00	1
<i>Geomean</i>								49	37						
<b>Site 12</b>	<b>Lower Nookachamps Creek</b>														
<i>n</i>	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
<i>Mean</i>	10.8	8.18	70.2	129	0.1	7.04	8.7	130	97	0.174	0.05	0.30	0.028	0.06	8
<i>Std. Dev.</i>	6.4	3.03	19.4	61	0.1	0.19	6.7	121	113	0.151	0.03	0.09	0.010	0.02	9
<i>Minimum</i>	0.7	2.67	26.9	24	0.0	6.75	2.5	21	7	0.010	0.01	0.25	0.020	0.05	2
<i>Maximum</i>	21.9	12.15	94.8	239	0.1	7.42	28.5	350	350	0.314	0.09	0.43	0.040	0.09	21
<i>Range</i>	21.2	9.48	67.9	215	0.1	0.67	26.00	329	343	0.304	0.08	0.18	0.020	0.04	19
<i>Std. Error</i>	1.3	0.61	3.9	12	0.0	0.04	1.3	24	23	0.075	0.02	0.04	0.005	0.01	4
<i>Geomean</i>								63	45						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = 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 <sub>3</sub> <sup>-</sup> + NO <sub>2</sub> <sup>-</sup> (mg/L)	NH <sub>3</sub> (mg/L)	TKN (mg/L)	OP (mg/L)	TP (mg/L)	TSS (mg/L)
<b>Site 51</b>	<b>Upper Carpenter Creek</b>														
n	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
Mean	9.7	8.80	73.2	329	0.1	7.44	3.2	174	77	0.432	0.02	0.30	0.042	0.06	3
Std. Dev.	4.9	4.32	31.8	127	0.1	0.14	1.5	318	68	0.360	0.01	0.11	0.033	0.02	1
Minimum	0.3	1.53	15.1	45	0.0	7.16	0.8	13	13	0.007	0.01	0.25	0.020	0.05	2
Maximum	18.6	15.10	107.6	513	0.2	7.73	6.6	1600	280	0.864	0.03	0.47	0.090	0.09	4
Range	18.3	13.57	92.5	468	0.2	0.57	5.8	1587	267	0.857	0.02	0.22	0.070	0.04	2
Std. Error	1.0	0.86	6.4	25	0.0	0.03	0.3	64	14	0.180	0.00	0.05	0.017	0.01	0
Geomean								108	56						
<b>Site 42</b>	<b>Lower Carpenter Creek</b>														
n	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
Mean	11.0	8.49	74.6	163	0.1	7.42	3.0	96	62	0.294	0.04	0.39	0.032	0.06	10
Std. Dev.	6.5	1.87	10.7	45	0.0	0.15	1.4	116	108	0.339	0.03	0.07	0.010	0.02	12
Minimum	0.1	5.02	53.6	52	0.0	6.98	1.2	8	8	0.005	0.01	0.33	0.020	0.05	2
Maximum	21.6	11.4	88.7	236	0.1	7.61	6.8	540	540	0.666	0.08	0.47	0.040	0.09	28
Range	21.5	6.38	35.1	184	0.1	0.63	5.6	532	532	0.661	0.07	0.14	0.020	0.04	26
Std. Error	1.3	0.37	2.1	9	0.0	0.03	0.3	23	22	0.170	0.02	0.03	0.005	0.01	6
Geomean								54	47						
<b>Site 48</b>	<b>Fisher Creek</b>														
n	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
Mean	8.7	11.50	96.8	178	0.1	7.69	2.7	115	59	0.340	0.03	0.38	0.210	0.23	3
Std. Dev.	4.2	1.70	4.5	75	0.0	0.18	5.2	147	57	0.226	0.02	0.15	0.199	0.21	1
Minimum	0.3	9.68	88.7	80	0.0	7.14	0.3	8	5	0.122	0.02	0.25	0.040	0.05	2
Maximum	14.4	16.77	113.5	269	0.1	7.97	27.0	540	220	0.615	0.05	0.53	0.460	0.50	5
Range	14.1	7.09	24.8	189	0.1	0.83	26.6	532	215	0.493	0.03	0.28	0.420	0.45	3
Std. Error	0.8	0.34	0.9	15	0.0	0.04	1.0	29	11	0.113	0.01	0.08	0.099	0.11	1
Geomean								72	38						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

	<b>Temp</b> (°C)	<b>DO</b> (mg/L)	<b>DO Percent</b> (%)	<b>Cond.</b> (µS/cm)	<b>Salinity</b> (psu)	<b>pH</b>	<b>Turbidity</b> (NTU)	<b>Fecal Coliform</b> (MPN / 100 mL)	<b>E. coli</b> (MPN / 100 mL)	<b>NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup></b> (mg/L)	<b>NH<sub>3</sub></b> (mg/L)	<b>TKN</b> (mg/L)	<b>OP</b> (mg/L)	<b>TP</b> (mg/L)	<b>TSS</b> (mg/L)
<b>Site 41</b>	<b>Maddox Creek/Big Ditch</b>														
<i>n</i>	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
<i>Mean</i>	11.6	6.71	63.2	462	0.2	7.40	14.4	291	182	0.667	0.52	1.28	0.128	0.34	38
<i>Std. Dev.</i>	6.1	2.28	28.1	348	0.2	0.29	13.7	443	258	0.774	0.71	1.33	0.095	0.28	50
<i>Minimum</i>	0.4	3.27	22.2	34	0.0	6.81	2.3	22	8	0.005	0.01	0.25	0.040	0.12	3
<i>Maximum</i>	22.7	11.53	122.3	992	0.5	8.19	70.6	1600	920	1.490	1.52	3.03	0.210	0.72	110
<i>Range</i>	22.3	8.26	100.1	958	0.5	1.38	68.3	1578	912	1.485	1.51	2.78	0.170	0.60	107
<i>Std. Error</i>	1.2	0.46	5.6	70	0.0	0.06	2.7	89	52	0.387	0.35	0.66	0.048	0.14	25
<i>Geomean</i>								61	58						
<b>Site 44</b>	<b>Sullivan Slough</b>														
<i>n</i>	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
<i>Mean</i>	10.4	5.04	47.6	19178	11.7	7.42	19.0	268	90	0.374	0.81	1.23	0.055	0.21	22
<i>Std. Dev.</i>	3.7	2.34	22.2	12166	7.8	0.21	11.6	428	109	0.401	0.61	0.89	0.037	0.07	6
<i>Minimum</i>	3.1	0.99	10.1	2682	1.4	7.12	1.9	9	2	0.012	0.18	0.33	0.030	0.12	15
<i>Maximum</i>	17.4	8.61	90.3	37763	24.0	7.84	49.1	1600	350	0.750	1.56	2.18	0.110	0.28	27
<i>Range</i>	14.3	7.62	80.2	35081	22.6	0.72	47.2	1591	348	0.738	1.38	1.85	0.080	0.16	12
<i>Std. Error</i>	0.7	0.47	4.4	2433	1.6	0.04	2.3	86	22	0.200	0.31	0.44	0.018	0.04	3
<i>Geomean</i>								81	47						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

## Skagit River

	<b>Temp</b> (°C)	<b>DO</b> (mg/L)	<b>DO Percent</b> (%)	<b>Cond.</b> (µS/cm)	<b>Salinity</b> (psu)	<b>pH</b>	<b>Turbidity</b> (NTU)	<b>Fecal Coliform</b> (MPN / 100 mL)	<b>E. coli</b> (MPN / 100 mL)	<b>NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup></b> (mg/L)	<b>NH<sub>3</sub></b> (mg/L)	<b>TKN</b> (mg/L)	<b>OP</b> (mg/L)	<b>TP</b> (mg/L)	<b>TSS</b> (mg/L)
<b>Site 30</b>	<b>Skagit River near Hamilton</b>														
<i>n</i>	26	26	26	26	26	24	26	26	26	4	4	4	4	4	4
<i>Mean</i>	8.6	10.40	86.2	77	0.0	7.11	4.1	13	12	0.160	0.01	0.26	0.015	0.08	21
<i>Std. Dev.</i>	3.1	1.79	19.7	37	0.0	0.23	6.4	14	14	0.107	0.00	0.02	0.006	0.05	36
<i>Minimum</i>	4.7	7.03	6.2	3	0.0	6.66	0.2	1	1	0.029	0.01	0.25	0.010	0.05	2
<i>Maximum</i>	13.3	12.76	108.0	140	0.1	7.50	28.1	49	49	0.290	0.01	0.28	0.020	0.16	75
<i>Range</i>	8.6	5.73	101.8	137	0.1	0.84	27.9	48	48	0.261	0.00	0.03	0.010	0.11	73
<i>Std. Error</i>	0.6	0.35	3.9	7	0.0	0.05	1.3	3	3	0.053	0.00	0.01	0.003	0.03	18
<i>Geomean</i>								4	5						
<b>Site 29</b>	<b>Skagit River near Mount Vernon</b>														
<i>n</i>	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
<i>Mean</i>	9.1	11.53	98.1	60	0.0	6.82	3.0	121	106	0.064	0.01	0.26	0.009	0.05	4
<i>Std. Dev.</i>	4.7	1.49	5.3	13	0.0	0.36	1.8	332	329	0.035	0.00	0.02	0.001	0.00	2
<i>Minimum</i>	0.2	8.98	86.5	31	0.0	6.24	1.0	2	2	0.031	0.01	0.25	0.008	0.05	2
<i>Maximum</i>	17.1	13.80	107.6	90	0.0	7.55	7.6	1600	1600	0.103	0.02	0.28	0.010	0.05	7
<i>Range</i>	16.9	4.82	21.1	59	0.0	1.31	6.5	1598	1598	0.072	0.01	0.03	0.002	0.00	5
<i>Std. Error</i>	0.9	0.30	1.1	3	0.0	0.08	0.4	66	66	0.018	0.00	0.01	0.000	0.00	1
<i>Geomean</i>								10	12						
<b>Site 45</b>	<b>North Fork Skagit River</b>														
<i>n</i>	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
<i>Mean</i>	9.4	11.27	96.8	63	0.0	7.80	3.4	11	9	0.066	0.01	0.25	0.05	0.01	4
<i>Std. Dev.</i>	4.9	1.20	4.0	15	0.0	0.13	1.9	10	7	0.032	0.00	0.00	0.00	0.00	3
<i>Minimum</i>	1.6	9.18	90.0	39	0.0	7.56	1.4	2	1	0.038	0.01	0.25	0.05	0.01	2
<i>Maximum</i>	17.6	13.04	104.2	113	0.0	8.07	7.4	33	27	0.104	0.01	0.25	0.05	0.01	8
<i>Range</i>	16.0	3.86	14.2	75	0.0	0.51	6.1	31	26	0.066	0.00	0.00	0.00	0.00	6
<i>Std. Error</i>	1.0	0.24	0.8	3	0.0	0.03	0.4	2	1	0.016	0.00	0.00	0.00	0.00	2
<i>Geomean</i>								7	6						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids

	<b>Temp</b> (°C)	<b>DO</b> (mg/L)	<b>DO Percent</b> (%)	<b>Cond.</b> (µS/cm)	<b>Salinity</b> (psu)	<b>pH</b>	<b>Turbidity</b> (NTU)	<b>Fecal Coliform</b> (MPN / 100 mL)	<b>E. coli</b> (MPN / 100 mL)	<b>NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup></b> (mg/L)	<b>NH<sub>3</sub></b> (mg/L)	<b>TKN</b> (mg/L)	<b>OP</b> (mg/L)	<b>TP</b> (mg/L)	<b>TSS</b> (mg/L)
<b>Site 46</b>	<b>South Fork Skagit River</b>														
<i>n</i>	25	25	25	25	25	23	25	25	25	4	4	4	4	4	4
<i>Mean</i>	9.6	11.15	95.9	62	0.0	7.65	3.5	81	62	0.068	0.02	0.25	0.012	0.05	3
<i>Std. Dev.</i>	5.0	1.35	4.5	14	0.0	0.17	1.9	155	145	0.030	0.01	0.00	0.005	0.00	2
<i>Minimum</i>	1.4	8.71	86.2	37	0.0	7.29	1.3	1	1	0.043	0.01	0.25	0.008	0.05	2
<i>Maximum</i>	18.1	13.03	103.4	112	0.0	7.95	7.5	540	540	0.104	0.03	0.25	0.020	0.05	6
<i>Range</i>	16.7	4.32	17.2	76	0.0	0.66	6.2	539	539	0.061	0.02	0.00	0.012	0.00	4
<i>Std. Error</i>	1.0	0.27	0.9	3	0.0	0.03	0.4	31	29	0.015	0.01	0.00	0.003	0.00	1
<i>Geomean</i>								10	9						

Temp = Water Temperature, DO = Dissolved Oxygen, NO<sub>3</sub><sup>-</sup> + NO<sub>2</sub><sup>-</sup> = Nitrate + Nitrite, NH<sub>3</sub> = Ammonia, TKN = Total Kjeldahl Nitrogen, OP = Orthophosphate, TP = Total Phosphate, TSS = Total Suspended Solids