

STREAMKEEPERS OF CLALLAM COUNTY - DRAFT PHYSICAL HABITAT FOR SALMONIDS INDEX (PHI) - SCORE MATRIX DRAFT 11/4/04																	
B-IBI= Benthic Index of Biological Integrity (Karr 1997); WQI = Water Quality Index (Clallam County State of the Waters Report 2004)																	
Footnotes (Fn): E = estimated from knowledge of site; s = based on a single year-pair; Rw = shear-stress equation recalculated to correct for "oversized"																	
logs and logjams; * = red-flag for pH or nitrate; + = incl. one score from Cassalery 0.6																	
Site name	Site description	Site comment	LWD	Pools	Fn	Canopy - Smr.	Canopy - Wtr.	Fn	Fines	Fn	Bed Substrate Stability	Fn	Agg/ Deg	Fn	Mean PHI score	B-IBI score	WQI score
Bagley 0.7	d/s of Discovery Trail bridge		1	0.23		1	0.45		0.03		0.76		0.29		0.54	4	5
Bagley 1.2	d/s of Hwy 101		0.44	0		1	0.43		0		0.47		0.65		0.43	4	4
Bagley 1.8	nr. S. Bagley Creek Rd		0	0		1	0.2		0		1		0 s		0.31	3	3.5
Bagley 4.6	at Merrill Estates		1	0.79		1	0.34		0		0.46		0.55		0.59	4	4.5
Bear 0.1	u/s of Hwy 101		0	0		1	0.74		0.42		0.92		0.29		0.48	5	5
Bear 2.5	at Misty Creek Lane		0.1	0.15		1	0.84		0.8		1	E	0.33		0.60	4	4.5
Bear 5.1	on West Twin Rd	Rest. proj.	0.9	0.3		0.77	0.3		1		1		0.37		0.66	5	3.5
Bear SF 0.2	d/s of West Twin Rd		1	0.01		0.59	0.08		0.73		0.69		0.83		0.56	5	4.5
Bell 0.1	~320 ft. d/s of Schmuck Rd		0	0		0.91	0.23		0.29		0.74		0.95		0.45	1	2.7
Bell 0.8	at Spath DOT site	Rest. proj.	0	0		0	0		1		0.7		0 s		0.24	1	2.5
Bell 1.8	u/s of Brown Rd		0	0		0.74	0.16		0		0.75	E	0.5 E		0.31	2	3
Cassalery 0.5	d/s of Jamestown Rd	Rest. proj.	0.32	0		0.85	0.22		0		0.44		0.23 +		0.29	2	3
Cassalery 1.1	u/s of Taylor Ranch Rd	Rest. proj.	0.49	0		0.03	0		0.7		1		0 s		0.32	2	4.5
Cassalery 1.6	at Clary Lane		0	0		0.07	0		0		0.92		1		0.28	2	4
Ennis 0.1	at PA treatment plant		0	0		1	0.11		0.5		1		0.33		0.42	4	3
Ennis 1.4	at Roosevelt MS		0	0		1	0.21		0.81		1		0.47		0.50	4	4.5
Jimmycomelately 0.1	upstream of Old Blyn Hwy		0	0.23		0.63	0.14		0.49		1		0.19		0.38	4	3.3
Jimmycomelately 0.2	u/s of Hwy 101		0.39	0.43		1	0.41		0.56		0.44		0.59		0.55	4	4.5
Jimmycomelately 0.6	at Corriea Rd		0.73	1		1	0.21		0.37		0.29		1		0.66	4	3.5
Jimmycomelately 0.8	at Woods Rd		0.92	0		0.98	0.46		0.3		1		0.78		0.63	5	4.5
Johnson 0.0	u/s of Marina		0.06	0		1	0.05		0.67		1		0.11 s		0.41	4	4
Johnson 0.6	d/s of Hwy 101		0.05	0		0.96	0.24		0		0		0 E		0.18	4	4.5
Lake 0.7	u/s of Hwy 101	Dry in smr	0.52	0.51		0.94	0.41		0		1		1 s		0.63	2	3.5
Lake trib @LB 6.2	u/s of Lake Pleasant		0.59	0.36		0.9	0.88		0.06		1		1 E		0.68	5	4
Lees 0.1	d/s of E. Hidden Way		0.13	0		0.98	0.77		0		0.72		0.6		0.46	3	4.3
Lees 0.6	d/s of Hwy 101 & fish ladder		0.04	0.11		1	0.89		0.83		0.55		0.33		0.54	5	4.5
Lees 0.8	d/s of Leighland Av		0.01	0.33		0.25	0.21		0		0.91		0.48		0.31	4	3.5
Morse 0.3	at 4 Seasons Ranch		0.04	0.33		0	0		0.24		0.95		0.33		0.27	4	4
Morse 1.1	u/s of Discovery Trail bridge		0	0.76		0.82	0.35		0.67		1		0 E		0.51	4	4.5
Morse 2.0	at 4 Seasons Park		0	0.17		1	0.34		1		0.98		0.69		0.60	4	4.5
Peabody 0.2	at 2nd St		0	0	E	1	0.11		1		0.76		0 E		0.41	1	3
Peabody 0.5	u/s of Peabody St		0	0		1	0.13		0.87		1		0 s		0.43	1	3.5
Peabody 1.0	at 9th St		0.1	0.1	E	1	0.21		0.87		1		0.4 E		0.53	1	3.5
Peabody 1.4	at ONP Visitor Ctr		1	1		0.9	0.83		0		0.34		0.75 E		0.69	5	3.7

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Site name	Site description	Site comment	LWD	Pools	Fn	Canopy - Smr.	Canopy - Wtr.	Fn	Fines	Fn	Bed Substrate Stability	Fn	Agg/Deg	Fn	Mean PHI score	B-IBI score	WQI score
Salt 1.5	at upper junction of Camp Hayden Rd & CHPark Rd		0.52	0.63		0.99	0.7		0	E	0.69		0.52		0.58	4	4
Salt 4.2	~150' d/s of WDFW#19-0010		0.24	0		1	0.29		0.4		0.56		0.24		0.39	5	4.5
Salt 5.4	at end of Salt Creek Rd., d/s of WDFW#19-0014		0.36	0		0.91	0.45		0		1		0.69		0.49	4	4.5
Siebert 0.6	at 225 Gehrke Rd		1	0.35		1	0.84		0		0.88		0.9		0.71	5	4.5
Siebert 3.0	at Miletich Lane		0.31	0.69		0.98	0.94		0.69		0.94		0.21		0.68	4	5
Siebert 3.8	at Conner Road		0.19	0.03		1	0.89		0.08		1		1		0.60	5	4.5
Siebert WF 2.3	just inside ONP		1	0.08		0.98	0.91		0.37		0		0.96		0.61	5	4
Valley 0.4	at 6th St, u/s of final culvert		0	0		0.91	0.13		0		0.85	E	0.25	E	0.31	4	3
Valley 0.7	at 12th St		0	0		0.36	0.3	E	0.42		0.88		0.5	E	0.35	4	4.5
Valley 1.2	d/s of Hwy 101	Rest. proj.	1	1		1	0.2	E	0		0.85	E	0.75	E	0.69	4	4
Valley 2.2	d/s of E Valley mouth		0.81	0.03		0.96	0.3		0		0.57		0.67		0.48	5	4