

Benthic Macroinvertebrate Monitoring Data: 1998 - 2010

Stream Team

Year	1998*	1999*	2000	2001	2002**	2003***	2004	2005	2006	2007	2008	2009	2010
Stream	BIBI	BIBI	BIBI	BIBI	BIBI	BIBI	BIBI	BIBI	BIBI	BIBI	BIBI	BIBI	BIBI
Black Lake Ditch @ RW Johnson SW							22	26	20	24	24	26	22
Deschutes River @ Pioneer Park									42	32	36	30	34
Eaton Creek @ Yelm Hwy												32	32
Ellis Creek @ Priest Point Park	36	30	40	40	46	48	48	44	48	46	40	46	46
Fox Creek @ Pleasant Glade NE						34	20	18	22	20	12	26	30
Green Cove Creek @ 36 th Avenue NW	40	34	40	34	38	42	48	38	30	40	42	38	40
Indian Creek @ Wheeler Avenue SE						36	30	34	34	34	22	34	34
Little McAllister @The Meadows								30	30	34	34	34	26
McAllister Creek @ Steilacoom Rd. (trib.)												36	40
McLane Creek @ DNR Nature Trail	38	38	40	46	46	46	48	48	44	44	46	44	44
Mission Creek @ Bethell Street NE						42	44	32	46	40	42	42	48
Moxlie Creek @ Watershed Park						28	14	28	26	28	28	40	34
Palm Creek @ Pleasant Glade NE							44	48	42	46	no data	42	46
Percival Creek @ SPSCC Artist Bridge	26	26	32	22	30	40	36	26	34	34	30	30	38
Schneider Creek @ West Bay Drive						28	26	24	26	32	34	40	34
Thompson Creek @ Centralia Power Canal											48	44	44
Woodland Creek @ Draham Road	26	30	34	38	42	38	34	36	30	38	40	28	38
Woodland Creek @ Pleasant Glade NE	24	22	38	36	30	38	34	26	32	34	36	34	34
Yelm Creek @ Peterson's												48	48
Yelm Creek @ Sheasley's												32	32

Benthic Index of Biological Integrity		BIBI
Low biological integrity		0 - 24
Moderate biological integrity		25 - 39
High biological integrity		≥ 40

*1998-99: Volunteers picked/removed invertebrates from organic debris

**2000: Changes monitoring protocol to gather 3 replicate samples from 3 different riffles resulting in overall larger sample sizes

***2003: Samples now taken from late June -- mid-August.

From 1998-2002 samples for all streams were taken on the same day in late September, but many creeks/streams were often dry.