Appendix G -- Evaluation of Streams Meeting State Temperature Standard and DEQ Fish Use Designation

		DEQ Fish Use Designation		Salmon and Steelhead Spawning Use Designations							Summer 2009		Summer 2010		
Site	Ecoregion	Core Cold Water Habitat	Salmon & Trout Rearing and	September 1 - May 15	September 1 - June 15	September 15 - May 15	September 15 - June 15	January 1 - May 15	January 1 - June 15	No Designation	Max. allowed temp	Max 7DMA	Max. allowed temp	Max 7DMA	Meets Standard?
Middle Fork Willamette															
Mid Fork Below Dexter Dam															
MFWDR	wv	X					X				16	16.61	16	17.6	No
HCMO	wv	X							X		16	25.17	16	20.88	No
FCMO	wv	X			X							MD	16	17.9	No
MFWSTP	wv	X			X						16	18.65		MD	No
Mid Fork Tributaries															
LCUP	wv	X			X						16	20.89	16	16.41	No
LCMO	wv	X			X						16	25.85	16	21.67	No
LFCUP	wv	X			X						16	23.51		MD	No
LFCMO	wv	X			X						16	25.16	16	19.63	No
Coast Fork Willamette															
Coast Fork Tributaries															
SKUP	wv		X							X	18	20.51	18	17.82	No
MCUP	wv		X					X			18	27.37	18	21.54	No
MCMO	wv		X					X				MD	18	22.68	No
GCUP	wv		X					X			18	21.86	18	16.89	No
GCDW	wv		X					X			18	29.48	18	24.45	No
CSUP	wv		X							X	18	22.24	18	18.88	No
CSDW	wv		X							X	18	24.15	18	22.18	No

****Includes all salmon species, steelhead, rainbow and cutthroat trout**

WV = Willamette Valley Ecoregion

CS = Cascades Ecoregion

Note: Only sites where continuous temperature was collected can be evaluated with the state standard. The table below shows the period of record for each site summarized above.

2009										
				Monitoring Period						
Site Code	Lat	Long	Calibration Method	Begin	End date	Highest 7 day Max	Date	Absolute Max	Date	Landuse
MFWSTP	44	-122.989	NIST	6/16/09	10/30/09	18.65	9/15/09	19.15	9/12/09	Rural
MFWDR	43.9	-122.808	NIST	6/12/09	9/9/09	16.61	9/8/09	16.87	9/8/09	Recreational
HCMO	44	-122.902	NIST	9/9/09	10/6/09	25.17	8/1/09	26.92	7/29/09	Rural residential
FCMO	44	-122.85	NIST	6/12/09	Stolen	--	--	--	--	Rural residential
LCMO	43.9	-122.843	NIST	5/29/09	10/15/09	25.85	8/1/09	27.11	7/29/09	Recreational
LCUP	43.9	-122.793	NIST	5/29/09	10/15/09	20.89	8/2 & 8/3	21.6	7/29/09	Rural residential
LFCUP	44	-122.747	NIST	6/12/09	10/16/09	23.51	8/2/09	24.56	7/29/09	Rural residential
LFCMO	44	-122.809	NIST	6/12/09	10/16/09	25.16	8/2/09	26.5	7/29/09	Rural residential
CSUP	43.9	-123.142	NIST	5/29/09	10/14/09	22.24	8/2/09	23.33	7/29/09	Rural residential
CSDW	43.9	-123.068	NIST	5/29/09	10/14/09	24.15	8/1/09	27.06	8/19/09	Rural residential
GCUP	43.8	-122.996	NIST	6/5/09	10/14/09	21.86	8/2/09	23.16	7/29/09	Rural residential
GCDW	43.8	-123.024	NIST	6/5/09	10/14/09	29.48	8/1/09	31.15	7/29/09	Rural residential
SKUP	43.8	-123.129	NIST	6/5/09	10/14/09	20.51	8/2/09	21.39	7/29/09	Rural residential
MCUP	43.8	-122.98505	NIST	6/5/09	10/14/09	27.37	8/1/09	28.67	7/29/09	Rural residential
MCMO	43.8	-123.004	NIST	6/5/09	Stolen	--	--	--	--	Rural residential

2010										
				Monitoring Period						
Site Code	Lat	Long	Calibration Method	Begin	End date	Highest 7 day Max	Date	Absolute Max	Date	Landuse
MFWSTP	44	-122.989	NIST	7/23/10	7/26/10	NA	7/26/10	17.96	7/26/10	Rural
MFWDR	43.9	-122.808	NIST	7/9/10	7/26/20	16.38	7/26/10	16.96	7/26/10	Recreational
HCMO1	44	-122.902	NIST	7/9/10	7/26/20	20.88	8/17/10	21.7	8/17/10	Rural residential
HCMO2	44	-122.902	NIST	7/9/10	7/26/20	19.56	7/26/10	21.2	7/11 & 7/25	Rural residential
FCMO	44	-122.85	NIST	7/9/10	7/26/20	12.88	7/26/10	13.74	7/10/10	Rural residential
LCMO	43.9	-122.843	NIST	7/9/10	7/26/20	21.67	7/26/10	23.14	7/25/10	Recreational
LCUP	43.9	-122.793	NIST	7/9/10	7/26/20	16.41	7/26/10	17.61	7/11 & 7/25	Rural residential
LFCUP	44	-122.747	NIST	7/23/10	7/26/20	NA	7/26/10	20.27	7/25/10	Rural residential
LFCMO	44	-122.809	NIST	7/9/10	7/26/20	19.63	7/26/10	21.01	7/25/10	Rural residential
CSUP	43.9	-123.142	NIST	7/9/10	7/26/20	18.88	7/16/10	20.67	7/11/10	Rural residential
CSDW	43.9	-123.068	NIST	7/9/10	7/26/20	22.18	7/16/10	23.71	7/11/10	Rural residential
GCUP	43.8	-122.996	NIST	7/9/10	7/26/20	16.89	7/26/10	18.37	7/25/10	Rural residential
GCDW	43.8	-123.024	NIST	7/9/10	7/26/20	24.45	7/26/10	26.18	7/25/10	Rural residential
SKUP	43.8	-123.129	NIST	7/9/10	7/26/20	17.82	7/16/10	19.29	7/11/10	Rural residential
MCUP	43.8	-122.9851	NIST	7/9/10	7/26/20	21.54	7/26/10	23.42	7/11/10	Rural residential
MCMO	43.8	-123.004	NIST	7/9/10	7/26/20	22.68	7/26/10	24.05	7/25/10	Rural residential