

Sample description	Sample location	Date collected	Mo [nM] (1 σ)
Heart Lake	H	16-Jul-08	<0.01
	H	5-Jul-09	0.02 (0.02)
Heart Lake outflow	HO	16-Jul-08	0.02 (0.01)
	HO	17-May-09	0.05 (0.01)
	HO	15-Jun-09	0.09 (0.02)
	HO	5-Jul-09	0.08 (0.02)
	HO	15-Jul-09	0.09 (0.02)
Castle Lake inflow	I	16-May-09	0.05 (0.02)
	I	9-Jun-09	0.08 (0.01)
	I	6-Jul-09	0.15 (0.01)
Snowmelt	S1	2-May-09	0.14 (0.02)
	S1	15-May-09	0.01 (0.01)
	S1	9-Jun-09	0.14 (0.01)
	S1	10-Aug-09	0.05 (0.01)
	S2	4-Apr-09	0.32 (0.11)
	S2	3-May-09	0.13 (0.11)
	S2	16-May-09	0.08 (0.01)
	S2	9-Jun-09	0.05 (0.01)
	S2	10-Aug-09	<0.01
Runoff along trail	W1	3-May-09	0.20 (0.03)
	W2	3-May-09	0.14 (0.02)
	W3	3-May-09	0.15 (0.01)
	W3	16-May-09	0.09 (0.02)
	W4	3-May-09	0.16 (0.01)
	W4	16-May-09	<0.01
	W5	4-Apr-09	0.48 (0.09)
	W5	3-May-09	0.09 (0.06)
	W5	16-May-09	0.08 (0.01)
	W6	16-May-09	0.20 (0.02)
Waterfalls	C1	9-Jun-09	<0.01
	C3	4-Apr-09	0.59 (0.08)
	C4	17-May-09	0.08 (0.02)
Springs	M1	20-Sep-08	0.83 (0.22)
	M1	2-May-09	0.43 (0.02)
	M1	16-May-09	0.31 (0.02)
	M1	9-Jun-09	0.41 (0.03)
	M1	6-Jul-09	0.52 (0.03)
	M1	11-Aug-09	0.51 (0.01)
	M2	20-Sep-08	1.2 (0.3)
	M2	4-Apr-09	0.8 (0.1)
	M2	16-May-09	0.29 (0.04)
M2	9-Jun-09	0.58 (0.03)	

	M2	6-Jul-09	1.18 (0.02)
	M2	11-Aug-09	1.23 (0.05)
	M3	16-Jul-08	0.24 (0.06)
	M3	3-May-09	0.20 (0.02)
	M3	15-May-09	0.14 (0.04)
	M3	9-Jun-09	0.03 (0.03)
	M3	6-Jul-09	0.18 (0.03)
	M3	11-Aug-09	0.15 (0.04)
	M4	16-Jun-09	0.35 (0.04)
	M4	6-Jul-09	0.50 (0.04)
Spring near parking lot	P1	3-May-09	0.20 (0.02)
Lake water under ice	E1	16-May-09	0.07 (0.02)
	E2	4-Apr-09	0.72 (0.07)
	D1	4-Apr-09	0.94 (0.14)
	T6	3-May-09	0.35 (0.01)
Forest runoff	B1	15-Nov-08	0.63 (0.04)
	B1	28-Feb-09	0.71 (0.11)
	B1	2-May-09	0.56 (0.02)
	B1	9-Jun-09	0.40 (0.04)
	B1	10-Aug-09	0.57 (0.02)
	B2	16-Nov-08	0.77 (0.08)
	B2	4-Apr-09	0.42 (0.09)
	B2	3-May-09	0.07 (0.02)
	B2	9-Jun-09	0.24 (0.02)
	B3	16-Nov-08	1.57 (0.04)
	B3	9-Jun-09	0.31 (0.02)
	B3	10-Aug-09	0.42 (0.02)
Alder runoff	B4	2-Nov-08	0.20 (0.03)
	B4	15-Nov-08	0.52 (0.13)
	B4	2-May-09	0.19 (0.03)
	B4	9-Jun-09	0.71 (0.02)
	B4	10-Aug-09	1.16 (0.04)
Cabin runoff	B5	3-May-09	0.23 (0.03)
	B5	16-May-09	0.08 (0.01)
	B5	9-Jun-09	3.71 (0.08)
	B5	10-Aug-09	6.16 (0.13)
Lake ice	E1	28-Feb-09	1.01 (0.11)
	E2	28-Feb-09	1.97 (0.35)
	E2	4-Apr-09	0.44 (0.04)
	T6	28-Feb-09	2.01 (0.49)
	T6	2-May-09	0.48 (0.02)
	T6	3-May-09	2.24 (0.05)
	D1	4-Apr-09	0.56 (0.22)

Castle Lake outflow	O	3-May-09	0.88 (0.03)
	O	19-May-09	0.88 (0.04)
	O	9-Jun-09	1.54 (0.07)
	O	5-Jul-09	2.06 (0.06)
	O	6-Jul-09	2.27 (0.07)
Wetland	Wetland	6-Jul-09	2.10 (0.04)
Alder spring	M5	16-Jun-09	2.72 (0.04)