

Location	Station	Latitude	Longitude	Year	Water depth (m)	Temperature (°C)	Salinity	Oxygen (mLL <sup>-1</sup> )	[Ca] (mgL <sup>-1</sup> )	[Mg] (mgL <sup>-1</sup> )	[Ba] (µgL <sup>-1</sup> )	[Mn] (µgL <sup>-1</sup> )	Mg/Ca <sub>sw</sub> (mol mol <sup>-1</sup> )	Ba/Ca <sub>sw</sub> (µmol mol <sup>-1</sup> )	Mn/Ca <sub>sw</sub> (µmol mol <sup>-1</sup> )	δ <sup>18</sup> O <sub>water</sub> (‰)
Anholt	C-An-1	56.43° N	11.83° E	2012	13	17.87	18.39	4.52	247.98	713.48	2.58	1.07	4.74	3.90	3.14	-3.52
					16	16.76	24.99	4.47	345.40	1040.09	7.09	1.97	4.96	6.58	4.17	-1.48
					19	13.70	31.03	3.50	385.38	1174.45	5.78	3.88	5.02	4.90	7.33	-0.42
					30	9.58	32.86	2.32	398.91	1222.29	7.75	12.41	5.05	6.22	22.67	-0.24
	C-An-2	56.42° N	11.81° E	2012	10	17.88	18.24	4.59	244.70	702.83	2.43	1.32	4.72	3.85	3.92	-3.62
					15	17.05	23.83	4.36	353.55	1067.08	6.29	3.15	4.97	5.88	6.49	-1.18
					19	15.41	30.27	3.97	397.98	1218.51	6.60	6.80	5.04	5.46	12.44	-0.23
					30	9.55	32.87	2.37	402.17	1234.32	7.44	10.29	5.05	5.97	18.63	-0.24
	DAn-1	56.40° N	12.07° E	2013	10	10.91	25.26	6.09	316.40	954.80	8.40	0.00	4.98	7.76	0.00	NA
					20	11.17	27.55	5.45	391.70	1206.70	5.20	1.00	5.08	3.84	1.86	NA
					40	10.63	33.46	4.80	411.80	1274.30	4.50	4.40	5.10	3.22	7.09	NA
					50	9.22	34.47	4.36	406.80	1259.70	4.40	5.10	5.11	3.14	8.97	NA
61					9.21	34.49	4.34	417.80	1294.70	4.60	5.50	5.11	3.20	10.48	NA	
Hanö Bay	C-Ha-1	55.63° N	14.83° E	2012	15	16.74	7.65	4.87	120.42	293.58	13.01	2.08	3.93	32.33	12.33	-6.54
					45	6.07	9.03	4.05	141.28	361.06	12.71	11.43	4.20	27.59	58.86	-5.88
					56	4.73	13.05	1.92	178.47	481.79	12.04	56.44	4.44	20.77	229.99	-4.88
					65	4.99	13.71	1.21	190.41	520.61	12.08	138.66	4.49	19.49	528.90	-4.94
	C-Ha-2	55.58° N	14.49° E	2012	12	16.59	7.70	4.93	120.09	293.15	12.90	2.14	3.93	32.06	12.73	-6.5
					49	5.28	10.44	2.91	158.56	384.44	12.58	20.87	4.26	26.00	102.19	-5.87
	C-Ha-3	55.62° N	14.83° E	2015	10	11.46	7.65	7.68	110.20	266.73	14.18	1.02	3.99	37.55	6.62	NA
					30	6.24	8.04	7.73	114.33	278.07	14.65	0.91	4.01	37.41	6.38	NA
					60	6.69	15.02	3.61	188.20	531.03	12.51	11.55	4.65	19.41	46.52	NA
					70	7.13	18.02	2.34	214.43	618.10	13.12	63.15	4.75	17.85	214.36	NA
	DCHa-2	55.37° N	14.50° E	2013	10	10.10	7.62	7.00	120.80	294.50	15.40	0.00	4.02	37.13	0.00	NA
					20	10.63	8.32	6.73	128.70	319.30	15.10	0.00	4.09	34.24	0.00	NA
40					9.92	10.43	4.80	160.20	433.90	14.10	6.80	4.47	25.73	31.88	NA	
60					8.73	13.50	2.27	185.20	517.40	13.60	38.40	4.61	21.39	149.68	NA	
70					8.73	14.14	1.05	187.70	525.80	13.70	55.80	4.62	21.32	217.65	NA	