

APPENDIX 1

Physico-chemical parameters of water in the vertical profiles of lakes nos. 8 and 24

Lake no.	Depth [m]	T [°C]	pH	Eh	EC [mS/m]	O ₂ [mg/l]	Cl ⁻ [mg/l]	HCO ₃ ⁻ [mg/l]	SO ₄ ²⁻ [mg/l]	Ca ²⁺ [mg/l]	Mg ²⁺ [mg/l]	Na ⁺ [mg/l]	K ⁺ [mg/l]	Fe _{tot} [mg/l]	Mn ²⁺ [mg/l]	Al ³⁺ [mg/l]
8	0.5	25.7	2.2	760	0.193	7.8	6.1	b.d.l.	1934	103.0	24.8	6.4	4.8	144.7	3.2	31.5
	2	24.5	2.3	743	0.201	8.1	11	b.d.l.	1976	111.4	31.2	6.8	4.5	143.5	3.2	31.3
	5	18.4	2.3	750	0.232	8	16.2	b.d.l.	2013	121.2	38.7	6.7	5.1	150	3.4	31.6
	8	12.2	2.5	710	0.285	8.2	18	b.d.l.	2218	120.9	40.9	6.9	5.6	147.2	3.3	31.6
	10	10.2	3.2	651	0.317	b.d.l.	21.3	b.d.l.	2416	127.8	51	7.1	6.3	151	3.8	31.8
	12	8.1	3.4	629	0.346	b.d.l.	20	b.d.l.	2412	132.3	56	7.1	7.8	348	4.1	32.7
	15	8	3.8	504	0.462	b.d.l.	22	b.d.l.	2854	151.1	79.3	7.9	8.9	458	4.3	32.7
	18	8.1	4	457	0.489	b.d.l.	21.8	b.d.l.	3011	153.0	83	8.0	9.4	624	5.3	33.1
	20	7.9	4	459	0.502	b.d.l.	22.1	b.d.l.	3194	158.0	83	7.9	10.2	695	5.6	33.6
	22	7.9	4.1	432	0.527	b.d.l.	22	b.d.l.	3356	169.0	99	8.1	11.8	712	5.6	33.5
24	0.5	25.6	3	654	0.152	7.5	17.1	b.d.l.	662	116.7	22.1	3.7	2.9	64.7	3.5	2.7
	2	24	3	667	0.159	7.6	19.1	b.d.l.	711	109.5	24.1	4.1	3.3	60.3	3.2	2.9
	5	16.4	4	623	0.158	7.5	23.1	b.d.l.	701	121.3	26	4.3	3.2	78.5	3.6	2.8
	8	10.1	4	488	0.168	7.5	22.3	b.d.l.	923	169.8	38.9	4.9	6.7	145	4.3	2.9
	10	8.9	4	446	0.254	b.d.l.	23.5	b.d.l.	1218	179.1	44.5	4.8	8.4	557	6.5	2.8
	12	8.7	4	419	0.287	b.d.l.	22	b.d.l.	1311	193.1	51.5	4.9	8.5	584	6.5	2.9
	15	8.7	3.9	435	0.313	b.d.l.	22	b.d.l.	1530	209.0	55.4	5.1	8.7	616	6.5	2.9

b.d.l. – below detection limit