

Table S2. Basic physico-chemical parameters of water (growing seasons 2014–2016 and 2019, April–August). Averages (minima / maxima) are presented: (WT) water transparency, (Cond.) conductivity, (TOC) total organic carbon, (DOC) dissolved organic carbon, (TC) total carbon, (TN) total nitrogen, (N-NH₄) ammonia nitrogen, (N-NO₃) nitrate nitrogen, (TP) total phosphorus, (SRP) soluble reactive phosphorus, (KNK 4.5) alkalinity, (Chl-a) chlorophyll-a, (Na) – sodium, (Mg) – magnesium, (K) – potassium, (Ca) – calcium, (Fe) – total iron. * – based on values near detection limit.

		BSB	DSB	FD
WT m	2014	n. a.	n. a.	0.58 (0.40 / 1.30)
	2015	0.33 (0.18 / 0.55)	0.37 (0.25 / 0.55)	0.49 (0.40 / 0.80)
	2016	0.48 (0.25 / 0.85)	0.53 (0.30 / 0.80)	0.66 (0.30 / 1.30)
	2019	n. a.	n. a.	n. a.
pH	2014	n. a.	n. a.	8.4 (8.0 / 9.4)
	2015	n. a.	n. a.	8.6 (8.3 / 8.8)
	2016	n. a.	n. a.	9.0 (8.9 / 9.1)
	2019	n. a.	n. a.	n. a.
Cond. μS cm– 1	2014	n. a.	n. a.	290 (281 / 298)
		n. a.	n. a.	318 (287 / 365)
	2015			
	2016	n. a.	n. a.	376 (370 / 382)
	2019	n. a.	n. a.	n. a.
TOC mg/l	2014	16 (13 / 19)	16 (12 / 18)	16 (14 / 20)
	2015	19 (14 / 22)	18 (14 / 22)	17 (13 / 21)
	2016	24 (21 / 26)	24 (20 / 31)	23 (19 / 29)
	2019	n. a.	n. a.	26 (16 / 40)
DOC mg/l	2014	n. a.	n. a.	n. a.
	2015	14 (12 / 16)	13 (12 / 15)	13 (12 / 15)
	2016	18 (15 / 20)	18 (15 / 22)	18 (16 / 20)
	2019	n. a.	n. a.	17 (13 / 20)
TC mg/l	2014	n. a.	n. a.	n. a.
	2015	42 (22 / 52)	42 (22 / 50)	42 (33 / 50)
	2016	48 (46 / 50)	47 (43 / 52)	46 (40 / 51)
	2019	n. a.	n. a.	49 (37 / 67)
TN mg/l	2014	1.1 (0.7 / 2.2)	1.1 (0.7 / 1.6)	1.2 (0.6 / 2.6)
	2015	1.5 (0.9 / 2.0)	1.4 (0.9 / 1.8)	1.3 (1.0 / 1.9)
	2016	2.7 (1.9 / 3.8)	2.5 (1.2 / 3.9)	2.4 (1.9 / 3.8)
	2019	n. a.	n. a.	3.6 (1.6 / 5.0)
N-NH ₄ mg/l	2014	0.12 (0.01 / 0.80)	0.05 (0.01 / 0.11)	0.05 (0.01 / 0.08)
	2015	0.08 (0.01 / 0.20)	0.06 (0.01 / 0.16)	0.10 (0.01 / 0.26)
	2016	0.15 (0.03 / 0.38)	0.08 (0.03 / 0.18)	0.17 (0.04 / 0.92)
	2019	n. a.	n. a.	0.15 (0.02 / 1.20)
N-NO ₃ mg/l	2014	0.07 (0.05 / 0.29)	0.05 (0.05 / 0.05)*	0.05 (0.05 / 0.05)*
	2015	0.05 (0.05 / 0.05)*	0.05 (0.05 / 0.05)*	0.05 (0.05 / 0.05)*
	2016	0.24 (0.05 / 1.70)	0.06 (0.05 / 0.18)	0.07 (0.05 / 0.23)
	2019	n. a.	n. a.	0.26 (0.05 / 1.60)
TP mg/l	2014	0.140 (0.073 / 0.220)	0.115 (0.061 / 0.180)	0.111 (0.048 / 0.150)
	2015	0.193 (0.110 / 0.260)	0.181 (0.120 / 0.220)	0.157 (0.120 / 0.200)
	2016	0.227 (0.097 / 0.320)	0.214 (0.100 / 0.360)	0.217 (0.110 / 0.490)
	2019	n. a.	n. a.	0.286 (0.120 / 0.530)
SRP mg/l	2014	0.040 (0.022 / 0.060)	0.035 (0.019 / 0.054)	0.034 (0.020 / 0.053)
	2015	0.047 (0.031 / 0.089)	0.038 (0.027 / 0.064)	0.040 (0.026 / 0.063)
	2016	0.074 (0.022 / 0.130)	0.069 (0.022 / 0.120)	0.077 (0.026 / 0.210)
	2019	n. a.	n. a.	0.102 (0.017 / 0.270)

KNK 4.5 mmol/l	2014 2015 2016 2019	2.0 (1.7 / 2.2) 2.4 (2.2 / 2.6) 2.4 (2.0 / 2.8) n. a.	2.0 (1.7 / 2.2) 2.3 (2.1 / 2.6) 2.4 (2.1 / 2.7) n. a.	2.0 (1.7 / 2.2) 2.3 (2.1 / 2.6) 2.4 (2.1 / 2.8) 2.2 (1.6 / 2.7)
Chl-a ug/l	2014 2015 2016 2019	49 (21 / 97) 70 (17 / 100) 101 (19 / 180) n. a.	49 (9 / 110) 84 (23 / 130) 126 (26 / 400) n. a.	41 (15 / 74) 63 (19 / 120) 142 (30 / 680) 132 (36 / 290)
Na mg/l	2014 2015 2016 2019	9.9 (9.3 / 11.0) 12.4 (11.0 / 14.0) 13.9 (12.0 / 15.0) n. a.	9.8 (9.5 / 10.0) 12.4 (11.0 / 15.0) 14.0 (12.0 / 16.0) n. a.	9.7 (9.3 / 10.0) 12.4 (11.0 / 15.0) 14.1 (13.0 / 16.0) 15.4 (14.0 / 16.0)
Mg mg/l	2014 2015 2016 2019	11 (11 / 12) 14 (13 / 16) 15 (13 / 17) n. a.	11 (11 / 12) 14 (13 / 16) 15 (13 / 17) n. a.	11 (11 / 12) 13 (12 / 16) 15 (13 / 17) 14 (13 / 16)
K mg/l	2014 2015 2016 2019	6.9 (6.2 / 8.3) 7.9 (6.5 / 8.9) 8.9 (8.4 / 9.3) n. a.	6.9 (6.2 / 7.6) 7.8 (6.9 / 8.8) 8.8 (8.3 / 9.2) n. a.	6.8 (6.2 / 7.7) 7.5 (6.6 / 9.0) 8.8 (8.3 / 9.5) 7.9 (6.6 / 8.9)
Ca mg/l	2014 2015 2016 2019	29 (27 / 32) 33 (28 / 37) 33 (30 / 36) n. a.	28 (27 / 30) 32 (28 / 35) 32 (28 / 36) n. a.	28 (27 / 30) 31 (27 / 35) 33 (29 / 36) 29 (27 / 32)
Fe mg/l	2014 2015 2016 2019	0.78 (0.31 / 1.40) 1.19 (0.24 / 2.00) 0.70 (0.41 / 1.40) n. a.	0.63 (0.14 / 1.10) 1.03 (0.22 / 1.60) 0.45 (0.23 / 0.79) n. a.	0.58 (0.11 / 0.99) 0.73 (0.21 / 1.10) 0.34 (0.22 / 0.64) 0.25 (0.08 / 0.49)