

Sample	pH	Electrical conductivity (mS cm ⁻¹)	Redox potential (mV)	Dissolved oxygen (mg L ⁻¹)
Profile 1–25 cm	7.05	34.8	155	9.2
Profile 1–50 cm	7.12	13.41	129	9.16
Profile 1–75 cm	7.07	16.12	131	7.01
Profile 1–100 cm	7.2	14.21	131	7.8
Profile 2–25 cm	6.84	–	155	3.09
Profile 2–50 cm	6.79	–	142	3.74
Profile 2–75 cm	6.81	–	153	2.71
Profile 2–100 cm	6.84	–	162	2.62
Profile 2–125 cm	6.7	–	170	1.91
Profile 3–25 cm	6.89	–	155	9.63
Profile 3–50 cm	7.01	–	154	3.01
Profile 3–75 cm	6.96	–	154	2.82
Profile 3–100 cm	7.01	–	156	1.9
Profile 3–125 cm	7	–	157	0.95
Surface water –1	7.88	74.5	195	7.74
Surface water –2	7.77	–	167	7.12