

**Table S4: Physicochemical features of distinct sampling areas in Tramandaí Lagoon (Brazil).**

<b>Sampling Points/ Features</b>	<b>Estuary (P1)</b>	<b>Middle Lagoon (P2)</b>	<b>Cops fields (P3)</b>	<b>Residential (P4)</b>
BOD (mg/L)	1.34	1.92	1.73	0.96
OD (mg/L)	7.49	7.87	7.10	6.53
pH	7.82	7.77	7.68	7.53
Chlorides (mg/L)	6626.70	4597.83	4487.04	754.77
Salinity (‰)	11.97	8.31	8.11	1.36
Conductivity (µs/cm)	1874.00	13000.00	12730.00	1690.00
Water Temperature (°C)	24	23	23	25