

Table 6 Linear correlations between water quality variables

Variables	pH	Temp	DO	TDS	Nitrite	Nitrate	Ammonia
pH	1.00	.25	.13	.37	.08	-.26	-.41
Temp	.25	1.00	.28	-.13	.35	-.38	-.21
DO	.13	.28	1.00	-.16	-.20	-.02	-.15
TDS	.37	-.13	-.16	1.00	.10	.22	-.18
Nitrite	.08	.35	-.20	.10	1.00	.37	.29
Nitrate	-.26	-.38	-.02	.22	.37	1.00	.55*
Ammonia	-.41	-.21	-.15	-.18	.29	.55*	1.00

Note: Marked correlations are significant at $p < 0.05$