

Table 3 The HPI values and the water pollution descriptions at the studied stations during the studied periods

Stations	Season	$\sum W_i * Q_i$	HPI Value	Descriptions of water pollution
Station 1	Winter	97.19	196.97	polluted
	Spring	88.38	179.12	polluted
	Summer	73.14	148.23	polluted
	Autumn	87.76	177.86	polluted
Station 2	Winter	87.49	177.31	polluted
	Spring	89.50	181.37	polluted
	Summer	71.20	144.29	polluted
	Autumn	94.10	190.71	polluted
Station 3	Winter	68.82	139.46	polluted
	Spring	81.69	165.54	polluted
	Summer	70.26	142.39	polluted
	Autumn	89.78	181.94	polluted
Station 4	Winter	89.18	180.72	polluted
	Spring	79.12	160.34	polluted
	Summer	66.95	135.67	polluted
	Autumn	83.30	168.82	polluted
Station 5	Winter	77.77	157.59	polluted
	Spring	83.35	168.92	polluted
	Summer	64.35	130.41	polluted
	Autumn	79.19	160.48	polluted

Note: $\sum W_i = 0.493452$