

Table 5 Seasonal variation of the Karnafully river water quality

Parameters	Seasons	Karnafully	
		Min.	Max.
pH	Pre-monsoon	7.15	8.12
	Monsoon	6.36	9.86
	Post-monsoon	7.20	8.40
EC	Pre-monsoon	90.00	36325.00
	Monsoon	99.00	25300.00
	Post-monsoon	93.00	45600.00
DO	Pre-monsoon	.00	6.33
	Monsoon	2.15	6.50
	Post-monsoon	3.25	7.91
Carbon dioxide	Pre-monsoon	1.41	13.31
	Monsoon	4.47	13.40
	Post-monsoon	3.12	49.98
Total alkalinity	Pre-monsoon	5.64	119.00
	Monsoon	16.29	104.00
	Post-monsoon	24.00	121.00
Total hardness	Pre-monsoon	16.00	4000.00
	Monsoon	10.00	2380.00
	Post-monsoon	22.00	4500.00
Chloride	Pre-monsoon	2.09	13147.70
	Monsoon	3.21	10125.94
	Post-monsoon	7.00	12120.20
BOD	Pre-monsoon	0.22	9.17
	Monsoon	0.21	6.22
	Post-monsoon	11.39	122.46
Nitrite-N	Pre-monsoon	1.01	3.89
	Monsoon	.00	5.18
	Post-monsoon	1.60	14.60
Phosphate-P	Pre-monsoon	2.00	3.37
	Monsoon	0.12	4.94
	Post-monsoon	9.26	212.81
Sulphate-S	Pre-monsoon	152.08	974.10
	Monsoon	28.55	977.08
	Post-monsoon	9.26	32.87
Fe	Pre-monsoon	0.06	2.30
	Monsoon	0.40	2.72
	Post-monsoon	0.23	3.24
Mn	Pre-monsoon	0.01	0.92
	Monsoon	0.22	0.45
	Post-monsoon	0.01	0.24

Note: Source: Ahmed (2010)