

Table 4 Typical analysis of river water and pollution load in the Karnafully River at different locations, April 1984- March 1985

Location	pH	E.C. (micromhos /cm)	Chloride (mg/L)	Total alkalinity (mg/L)	S.S. (mg/L)	D.O. (mg/L)	BOD (mg/L)	COD (mg/L)	Remarks
Middle of Karnafully River near Bambooghat	7.7	245	18.0	55	240	6.5	38	65	Maximum
	6.8	134	6.2	34	59	5	4.2	49	Average
	6.0	100	2.0	16	101.0	4.0	0.4	30	Minimum
Side of Karnafully	8.5	750	100.0	460	42.5	5.9	22.0	68	Maximum
	7.3	218	15.5	36.8	11.0	4.4	3.8	45.1	Average
	7.0	120	3.1	18	46	0.1	1.0	30	Minimum
River near Dovashi bazaar	7.6	250	28	60	31	5.6	3.2	55	Maximum
	7.2	150	7.4	36	12	5.0	2.0	42.2	Average
	6.7	120	2.5	18	58	3.8	0.7	26	Minimum
Middle of Karnafully	8.4	-	-	-	48.5	7.4	2.9	104	Maximum
River near Dobshi bazaar	7.9	-	-	-	23.0	7.0	2.2	78.9	Average
	7.6	-	-	-	≅ 50	6.5	1.6	39.5	Minimum
Side of Karnafully river near Patenga	7.7	245	18.0	55	240	6.5	38	65	Maximum
	6.8	134	6.2	34	59	5	4.2	49	Average
	6.0	100	2.0	16	101.0	4.0	0.4	30	Minimum
Acceptable value of the parameters in the case of use of the river for fishing	6.5-8.5	-	-	-		≅ 7.0	≅ 5		

Note: Source: Hossain (2004)