



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-05-2023

Test No: 1416

Weather: Cloudy

SI No	Test Item	Unit	Frequency	Detection limit (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water		
						Sampling Time: 9:25 AM	Sampling Time: 9:35 AM	Sampling Time: 9:45 AM	Sampling Time: 11:20 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.9	28.4	28.6	28.9		
2	pH		day	6.5-8.5				8.22	7.62	7.84	7.72		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	52.2	12.3	11.9	1.98	0.98	0.21		
4	Color	pt-co	day	15	Portable analyser-AQ3700			85	36	14	0		
5	Suspended Solid	mg/L	day	...				56	12	12	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								1143
8	Salinity	PSU	Once a week	...									1.246
9	Conductivity	µS/cm	Once a week	...									2331
10	Resistivity	Ω-cm	Once a week	...									429
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	500	630				630		
Remark:													