



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-12-2022

Test No: 1248

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: 9:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:25 AM	Sampling Time: 11:32 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			24	24	24.1	24.5		
2	pH		day	6.5-8.5				7.85	7.74	7.65	7.59		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	179	22.5	22	4.89	0.44	0.5		
4	Color	pt-co	day	15	Portable analyser-AQ3700			84	32	7	7		
5	Suspended Solid	mg/L	day	...				120	13	13	4	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								183.7
8	Salinity	PSU	Once a week	...									0.23
9	Conductivity	µS/cm	Once a week	...									373.8
10	Resistivity	Ω-cm	Once a week	...									2675
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				20		

Remark: