



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-12-2022

Test No: 1269

Weather: Sunny

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: 10:12 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 11:09 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			23.2	23.2	23.1	23.1		
2	pH		day	6.5-8.5				8.28	8.1	8.01	7.9		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	22.4	23.2	23	3.22	0.59	0.16		
4	Color	pt-co	day	15	Portable analyser-AQ3700			84	20	7	7		
5	Suspended Solid	mg/L	day	...				11	11	11	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								206.1
8	Salinity	PSU	Once a week	...									0.252
9	Conductivity	µS/cm	Once a week	...									419.6
10	Resistivity	Ω-cm	Once a week	...									2388
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				20		

Remark: