



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 05-05-2022

Test No: 1031

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.4	29.1	29.3	29.7		
2	pH		day	6.5-8.5				8.1	7.48	7.69	7.92		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	161	12.6	12.6	3.92	0.76	0.37		
4	Color	pt-co	day	15	Portable analyser-AQ3700			42	7	0	0		
5	Suspended Solid	mg/L	day	...				91	4	4	0	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								208
8	Salinity	PSU	Once a week	...									0.258
9	Conductivity	µS/cm	Once a week	...									424.5
10	Resistivity	Ω-cm	Once a week	...									2376
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50					50	

Remark: