



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-05-2022

Test No: 1038

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: 9:53 AM	Sampling Time: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.8	29.1	29	29.8		
2	pH		day	6.5-8.5				8.55	7.7	7.61	7.62		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	112	12.6	12.5	4.6	0.53	0.27		
4	Color	pt-co	day	15	Portable analyser-AQ3700			45	27	0	0		
5	Suspended Solid	mg/L	day	...				69	6	6	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								184.2
8	Salinity	PSU	Once a week	...									0.232
9	Conductivity	µS/cm	Once a week	...									374.9
10	Resistivity	Ω-cm	Once a week	...									2667
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	50					50	

Remark: