



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-04-2023

Test No: 1381

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: 08:27 AM	Sampling Time: 08:35 AM	Sampling Time: 08:40 AM	Sampling Time: 08:58 AM	Sampling Time: 09:10 AM	Sampling Time: 09:20 AM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.9	29.8	29.3	29.4	
2	pH		day	6.5-8.5				8.01	7.93	7.91	7.89	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	66.5	14.5	13.5	1.51	0.67	0.23	
4	Color	pt-co	day	15	Portable analyser-AQ3700			90	14	8	0	
5	Suspended Solid	mg/L	day	...				64	14	14	1	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							
8	Salinity	PSU	Once a week	...		0.736						
9	Conductivity	µS/cm	Once a week	...		1370						
10	Resistivity	Ω-cm	Once a week	...		729.7						
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	250	240					240
Remark:												