



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-09-2023

Test No: 1528

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: 10:37 AM	Sampling Time: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 10:08 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			20.2	29.2	29.5	29.8		
2	pH		day	6.5-8.5				8.15	8.09	8.01	7.89		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	150	37.5	35.6	1.99	0.4	0.36		
4	Color	pt-co	day	15	Portable analyser-AQ3700			189	41	15	10		
5	Suspended Solid	mg/L	day	...				131	29	29	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								123.9
8	Salinity	PSU	Once a week	...									0.173
9	Conductivity	µS/cm	Once a week	...									251.8
10	Resistivity	Ω-cm	Once a week	...									3972
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					40	
Remark:													