



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-08-2023

Test No: 1500

Weather: Sunny

Sl 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: 09:29 AM	Sampling Time: 09:45 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.1	28.7	28.4	28.4
2	pH		day	6.5-8.5				8.44	8.3	8.15	8.09
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	551	48.9	48.5	1.98	0.36	0.36
4	Color	pt-co	day	15	Portable analyser-AQ3700			333	30	4	4
5	Suspended Solid	mg/L	day	...				734	59	59	2
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						
8	Salinity	PSU	Once a week	...		0.197					
9	Conductivity	μS/cm	Once a week	...		302.7					
10	Resistivity	Ω-cm	Once a week	...		3304					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	50				50
Remark:											