



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-06-2023

Test No: 1423

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: 9:45 AM	Sampling Time: 10:00 AM	Sampling Time: 09:10 AM	Sampling Time: 09:20 AM	Sampling Time: 09:30 AM	Sampling Time: 10:02 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			31.4	31.5	31.2	31.6
2	pH		day	6.5-8.5				8.32	7.75	7.45	7.41
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	70.1	12	11.82	1.68	0.48	0.45
4	Color	pt-co	day	15	Portable analyser-AQ3700			94	30	4	4
5	Suspended Solid	mg/L	day	...				64	12	12	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	...		1.044					
9	Conductivity	μS/cm	Once a week	...		1953					
10	Resistivity	Ω-cm	Once a week	...		511.9					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	120	580				580
Remark:											