



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-04-2023

Test No: 1374

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: 09:12 AM	Sampling Time: 09:17 AM	Sampling Time: 9:40 AM	Sampling Time: 10:05 AM	Sampling Time: 10:18 AM	Sampling Time: 10:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.4	27.4	27.5	27.5
2	pH		day	6.5-8.5				8.38	8.15	8.01	7.98
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	60.3	17.7	16.6	1.89	0.22	0.08
4	Color	pt-co	day	15	Portable analyser-AQ3700			100	20	10	10
5	Suspended Solid	mg/L	day	...				55	15	15	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	...		0.642					
9	Conductivity	μS/cm	Once a week	...		840.1					
10	Resistivity	Ω-cm	Once a week	...		1190					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	370	210				200
Remark:											