



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-06-2023

Test No: 1444

Weather: Cloudy

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: 09:30 AM	Sampling Time: 09:40 AM	Sampling Time: 12:20 PM	Sampling Time: 12:40 PM	Sampling Time: 12:55 PM	Sampling Time: 01:02 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.4	29.8	29.4	29.4
2	pH		day	6.5-8.5				7.51	7.37	7.37	7.26
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	89.8	19.1	17.4	1.98	0.5	0.12
4	Color	pt-co	day	15	Portable analyser-AQ3700			108	17	0	0
5	Suspended Solid	mg/L	day	...				92	20	20	3
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	...		0.887					
9	Conductivity	μS/cm	Once a week	...		1659					
10	Resistivity	Ω-cm	Once a week	...		602.8					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	50	480				490
Remark:											