



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-07-2023

Test No: 1465

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: 10:02 AM	Sampling Time: 10:10 AM	Sampling Time: 10:15 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.1	28.1	27.7	27.8
2	pH		day	6.5-8.5				8.38	8.27	8.22	8.15
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	78.3	37.9	37	1.93	0.37	0.18
4	Color	pt-co	day	15	Portable analyser-AQ3700			239	16	11	11
5	Suspended Solid	mg/L	day	...				89	43	43	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	...		0.353					
9	Conductivity	μS/cm	Once a week	...		621.4					
10	Resistivity	Ω-cm	Once a week	...		1.609					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	150				160
Remark:											