



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-07-2023

Test No: 1458

Weather: Cloudy

SI 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: 11:15 AM	Sampling Time: 9:12 AM	Sampling Time: 9:25 AM	Sampling Time: 10:35 AM	Sampling Time: 10:48 AM	Sampling Time: 10:58 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.5	28.8	28.4	28.4		
2	pH		day	6.5-8.5				7.93	7.87	7.79	7.76		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	109	30.7	30.1	1.99	0.76	0.22		
4	Color	pt-co	day	15	Portable analyser-AQ3700			161	41	13	3		
5	Suspended Solid	mg/L	day	...				125	29	29	4	0	0
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								441.8
8	Salinity	PSU	Once a week	...									0.493
9	Conductivity	µS/cm	Once a week	...									900.6
10	Resistivity	Ω-cm	Once a week	...									1110
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	280				290		
Remark:													