



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-08-2023

Test No: 1486

Weather: Rain

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: 11:52 AM	Sampling Time: 10:05 AM	Sampling Time: 10:10 AM	Sampling Time: 11:34 AM	Sampling Time: 11:42 AM	Sampling Time: 11:47 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.8	29.4	29.8	29.9		
2	pH		day	6.5-8.5				7.31	7.23	7.25	7.5		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	88.6	17.6	17.4	1.96	0.51	0.31		
4	Color	pt-co	day	15	Portable analyser-AQ3700			117	36	25	14		
5	Suspended Solid	mg/L	day	...				95	18	18	2	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								173.9
8	Salinity	PSU	Once a week	...									0.221
9	Conductivity	µS/cm	Once a week	...									353.9
10	Resistivity	Ω-cm	Once a week	...									2825
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	60				60		
Remark:													