



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-10-2022

Test No: 1192

Weather: Sunny

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: 9:00 AM	Sampling Time: 9:10 AM	Sampling Time: 10:12 AM	Sampling Time: 10:48 AM	Sampling Time: 10:56 AM	Sampling Time: 11:05 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.7	29.3	29.3	29.1		
2	pH		day	6.5-8.5				7.21	7.05	6.99	7.01		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	248	41	40.5	4.68	0.49	0.19		
4	Color	pt-co	day	15	Portable analyser-AQ3700			221	47	17	14		
5	Suspended Solid	mg/L	day	...				259	39	39	4	1	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								154.5
8	Salinity	PSU	Once a week	...									0.202
9	Conductivity	µS/cm	Once a week	...									314.3
10	Resistivity	Ω-cm	Once a week	...									3182
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: