



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-03-2022

Test No: 989

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: 7:45 AM	Sampling Time: 9:00 AM	Sampling Time: 10:30 AM	Sampling Time: 11:35 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			30.6	30.7	29	29.3		
2	pH		day	6.5-8.5				7.79	7.59	7.53	7.61		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	85.8	13.5	13	1.12	0.48	0.17		
4	Color	pt-co	day	15	Portable analyser-AQ3700			39	0	0	0		
5	Suspended Solid	mg/L	day	...				39	4	4	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total Dissolved Solids	ppm	Once a week	1000	Portable analyser-A222 & A322								236.7
8	Salinity	PSU	Once a week	...									0.284
9	Conductivity	µS/cm	Once a week	...									482
10	Resistivity	Ω-cm	Once a week	...									2075
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					40	
Remark:													