



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 23-06-2022

Test No: 1080

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: 8:54 AM	Sampling Time: 9:30 AM	Sampling Time: 9:50 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			29.4	28.9	28.3	28.9		
2	pH		day	6.5-8.5				7.12	6.7	6.72	6.75		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	313	40.6	40.3	8.89	0.34	0.15		
4	Color	pt-co	day	15	Portable analyser-AQ3700			211	48	0	0		
5	Suspended Solid	mg/L	day	...				348	31	31	4	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								136.3
8	Salinity	PSU	Once a week	...									0.184
9	Conductivity	µS/cm	Once a week	...									277.2
10	Resistivity	Ω-cm	Once a week	...									3608
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	25	30					30	
Remark:													