



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 26-05-2022

Test No: 1052

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: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:35 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.7	29	29.3	29.6		
2	pH		day	6.5-8.5				8.66	7.41	7.5	7.66		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	441	29.4	29.1	15.6	1.59	0.99		
4	Color	pt-co	day	15	Portable analyser-AQ3700			108	53	18	15		
5	Suspended Solid	mg/L	day	...				215	15	15	4	2	1
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								166.3
8	Salinity	PSU	Once a week	...									0.214
9	Conductivity	µS/cm	Once a week	...									338.3
10	Resistivity	Ω-cm	Once a week	...									2956
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	50					50	

Remark: