



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-11-2022

Test No: 1213

Weather: Cloudy

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: 9:46 AM	Sampling Time: 10:00 AM	Sampling Time: 10:25 AM	Sampling Time: 10:58 AM	Sampling Time: 11:10 AM	Sampling Time: 11:17 AM		
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.7	27.5	26.9	27.4		
2	pH		day	6.5-8.5				7.18	7.09	7.04	7.01		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	134	38.5	38	4.26	0.19	0.12		
4	Color	pt-co	day	15	Portable analyser-AQ3700			210	23	0	0		
5	Suspended Solid	mg/L	day	...				119	27	27	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								153.5
8	Salinity	PSU	Once a week	...									0.201
9	Conductivity	µS/cm	Once a week	...									312.1
10	Resistivity	Ω-cm	Once a week	...									3204
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20					20	

Remark: