



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-07-2022

Test No: 1108

Weather: Sunny

Sl 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: 10:10 AM	Sampling Time: 10:15 AM	Sampling Time: 10:20 AM	Sampling Time: 10:32 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			29.8	29.4	29	28.9
2	pH		day	6.5-8.5				7.34	7.26	7.22	7.17
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	145	38.4	38.4	2.15	0.25	0.2
4	Color	pt-co	day	15	Portable analyser-AQ3700			185	12	0	0
5	Suspended Solid	mg/L	day	...				121	15	15	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						
8	Salinity	PSU	Once a week	...		0.175					
9	Conductivity	µS/cm	Once a week	...		256.5					
10	Resistivity	Ω-cm	Once a week	...		3899					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				20

Remark: