



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-11-2022

Test No: 1216

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: 10:30 AM	Sampling Time: 9:00 AM	Sampling Time: 10:40 AM	Sampling Time: 11:10 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.7	27.6	27.2	27.5
2	pH		day	6.5-8.5				7.36	7.24	7.16	7.11
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	73.1	20.2	20.2	7.17	0.36	0.23
4	Color	pt-co	day	15	Portable analyser-AQ3700			205	36	6	0
5	Suspended Solid	mg/L	day	...				63	18	18	4
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											