



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 18-06-2023

Test No: 1440

Weather: Cloudy

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: 09:00 AM	Sampling Time: 09:12 AM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM	Sampling Time: 12:40 PM	
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.7	28.8	28.5	28.7	
2	pH		day	6.5-8.5				8.08	7.83	7.8	7.81	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	39.7	16.7	16.2	1.99	0.64	0.31	
4	Color	pt-co	day	15	Portable analyser-AQ3700			102	27	14	9	
5	Suspended Solid	mg/L	day	...				37	16	16	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration							170
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	250	520			530		
Remark:												