



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-04-2023

Test No: 1372

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: 09:00 AM	Sampling Time: 09:12 AM	Sampling Time: 9:45 AM	Sampling Time: 10:11 AM	Sampling Time: 10:25 AM	Sampling Time: 10:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			27.2	27.3	25.7	25.7
2	pH		day	6.5-8.5				8.12	8.04	7.88	7.89
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	65.3	16.7	14.2	1.61	0.95	0.09
4	Color	pt-co	day	15	Portable analyser-AQ3700			90	17	16	1
5	Suspended Solid	mg/L	day	...				54	14	14	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	360	190				
Remark:											