



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 31-01-2023

Test No: 1302

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: 10:07 AM	Sampling Time: 10:17 AM	Sampling Time: 10:25 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.6	22.4	21.9	21.9
2	pH		day	6.5-8.5				8.14	7.96	7.88	7.83
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	56.7	11.9	11.7	1.25	0.16	0.11
4	Color	pt-co	day	15	Portable analyser-AQ3700			83	5	0	0
5	Suspended Solid	mg/L	day	...				65	12	12	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Nitrogen-Ammoniacal	mg/L	Once a week	0.5	Salicylate Method						
8	Silica	mg/L	Once a week	...	Heteropoly Blue Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											