



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-01-2023

Test No: 1286

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: 9:07 AM	Sampling Time: 9:30 AM	Sampling Time: 9:40 AM	Sampling Time: 10:45 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			21.8	21.7	21.8	22.2
2	pH		day	6.5-8.5				8.08	7.87	7.92	7.96
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	56.2	14.6	14.6	4.24	1.17	0.4
4	Color	pt-co	day	15	Portable analyser-AQ3700			93	37	13	11
5	Suspended Solid	mg/L	day	...				48	12	12	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	150					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											