



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-04-2023

Test No: 1391

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: 8:10 AM	Sampling Time: 8:30 AM	Sampling Time: 9:00 AM	Sampling Time: 10:15 AM	Sampling Time: 10:25 AM	Sampling Time: 10:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28	27.5	27.5	27.5
2	pH		day	6.5-8.5				8.14	7.99	7.95	7.98
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	68.7	14.9	14.4	1.73	0.53	0.18
4	Color	pt-co	day	15	Portable analyser-AQ3700			92	13	0	0
5	Suspended Solid	mg/L	day	...				69	13	13	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week	...	EDTA Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			380	390		
Remark:											