



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-03-2022

Test No: 981

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: 8:04 AM	Sampling Time: 8:10 AM	Sampling Time: 8:20 AM	Sampling Time: 8:30 AM	Sampling Time: 8:40 AM	Sampling Time: 8:50 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.8	29	28.8	28.9
2	pH		day	6.5-8.5				7.87	7.17	7.3	7.36
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	88.4	11	10.1	1.44	0.32	0.3
4	Color	pt-co	day	15	Portable analyser-AQ3700			39	0	0	0
5	Suspended Solid	mg/L	day	...				36	3	3	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	Portable analyser-AQ3700						
8	Magnesium	mg/L	Once a week	30-35		19.1					
9	ORP	mv	Once a week	...	WTW PH ION 3310					88.6	
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration					40	40
Remark:											