



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-10-2022

Test No: 1191

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: 7:55 AM	Sampling Time: 8:00 AM	Sampling Time: 8:40 AM	Sampling Time: 8:48 AM	Sampling Time: 8:58 AM	Sampling Time: 9:02 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.4	28.2	26.7	28.4
2	pH		day	6.5-8.5				7.18	7.16	7.13	7.12
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	238	39.4	39.4	1.37	0.15	0.1
4	Color	pt-co	day	15	Portable analyser-AQ3700			243	10	0	0
5	Suspended Solid	mg/L	day	...				258	37	37	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	Portable analyser-AQ3700						
8	Magnesium	mg/L	Once a week	30-35		16.6					
9	ORP	mv	Once a week	...		WTW pH/ ION 3310	167.7				
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				20
Remark:											