



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-08-2022

Test No: 1142

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: 10:00 AM	Sampling Time: 9:30 AM	Sampling Time: 10:40 AM	Sampling Time: 11:35 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			28.4	27.8	27.4	27.3
2	pH		day	6.5-8.5				8.63	7.95	7.85	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	102.4	39.7	39.7	4.4	0.33	0.18
4	Color	pt-co	day	15	Portable analyser-AQ3700			240	21	0	0
5	Suspended Solid	mg/L	day	...				100	35	35	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	CaH Titration						
8	Magnesium	mg/L	Once a week	30-35	WTW PhotoFlex Turb	8					
9	ORP	mv	Once a week	...	WTW pH/ ION 3310	88.6					
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											