



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-02-2022

Test No: 939

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: 8:45 AM	Sampling Time: 9:30 AM	Sampling Time: 9:55 AM	Sampling Time: 11:47 AM	Sampling Time: 12:03 PM	Sampling Time: 12:16 PM
1	Temperature	°C	day	20-30	Portable analyser-ST300			22	22.5	22.6	22.4
2	pH		day	6.5-8.5				8.01	7.68	7.78	7.87
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	71.6	5.74	5.59	1.54	0.26	0.16
4	Color	pt-co	day	15	Portable analyser-AQ3700			29	16	0	0
5	Suspended Solid	mg/L	day	...				38	3	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb						
8	Magnesium	mg/L	Once a week	30-35		30					
9	ORP	mv	Once a week	...	WTW PH ION 3310					54.2	
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration					40	40
Remark:											