



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-01-2023

Test No: 1282

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: 9:55 AM	Sampling Time: 10:05 AM	Sampling Time: 10:30 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:25 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			22.1	21.6	22	22.7
2	pH		day	6.5-8.5				8.23	8.05	7.96	7.93
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	96.4	30.1	30	3.44	0.52	0.4
4	Color	pt-co	day	15	Portable analyser-AQ3700			99	18	11	3
5	Suspended Solid	mg/L	day	...				53	13	13	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb						
8	Magnesium	mg/L	Once a week	30-35		22.4					
9	ORP	mv	Once a week	...	WTW pH/ ION 3310					170.2	
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration					20	20
Remark:											