



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-07-2024

Test No: 1819

Weather: Cloudy

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (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: 09:30 AM	Sampling Time: 09:45 AM	Sampling Time: 10:00 AM	Sampling Time: 10:40 AM	Sampling Time: 10:52 AM	Sampling Time: 11:00 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.1	26.6	27.1	27.1		
2	pH		day	6.5-8.5				7.8	7.5	7.6	7.6		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	175	36.9	35	1.97	0.7	0.38		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			197	34	19	9		
5	Suspended Solid	mg/L	day	...				134	32	32	3	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Silica	mg/L	Once a week	...	Heteropoly Blue Method1								33.7
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	130						130
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	100.6	248.2						244.3
Remark:													