



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-07-2024

Test No: 1830

Weather: Sunny

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: 10:10 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.5	29.1	28.5	28.3		
2	pH		day	6.5-8.5				8.1	7.7	7.9	7.9		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	357	79	78	1.93	0.44	0.3		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			454	23	0	0		
5	Suspended Solid	mg/L	day	...				342	73	73	1	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric								2.67
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method	0.8							
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	70						70
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	101.6	144.3						157.3
Remark:													