



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 13-05-2024

Test No: 1770

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: 09:45 AM	Sampling Time: 10:00 AM	Sampling Time: 11:30 AM	Sampling Time: 12:09 PM	Sampling Time: 12:22 PM	Sampling Time: 12:30 PM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.1	27.3	28.1	28.5		
2	pH		day	6.5-8.5				8.24	8.09	7.94	7.86		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	90.5	25.9	25	1.99	0.99	0.4		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			119	36	15	10		
5	Suspended Solid	mg/L	day	...				81	22	22	3	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
10	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1								0.32
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	580	580						570
12	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	987.8	936.7						931.8
Remark:													