



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-04-2024

Test No: 1749

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: 09:58 AM	Sampling Time: 10:09 AM	Sampling Time: 10:30 AM	Sampling Time: 11:00 AM	Sampling Time: 11:12 AM	Sampling Time: 11:20 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			31.5	30.9	29.9	29.8		
2	pH		day	6.5-8.5				8.22	8.12	7.92	7.71		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	50.9	11.1	10.8	1.79	0.56	0.58		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			74	23	12	12		
5	Suspended Solid	mg/L	day	...				38	9	9	0	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1						0.17		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						350	490	490
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						659.5	863	870.5
Remark:													