



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-04-2024

Test No: 1754

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: 10:19 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:29 AM	Sampling Time: 11:42 AM	Sampling Time: 11:50 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			32.1	32.2	31	30.6		
2	pH		day	6.5-8.5				8.2	8.11	7.92	7.88		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	44.8	15.8	15.3	1.89	0.89	0.48		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			92	40	16	12		
5	Suspended Solid	mg/L	day	...				35	14	14	3	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								1.11
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	820	520						510
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	1393	883.9						867.2
Remark:													