



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-05-2024

Test No: 1758

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: 09:28 AM	Sampling Time : 09:48 AM	Sampling Time: 09:59 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 10:55 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.9	29.7	29.9	29.8		
2	pH		day	6.5-8.5				8.27	8.09	7.94	7.84		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	95.6	16.7	16.1	1.88	0.72	0.46		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			86	22	8	6		
5	Suspended Solid	mg/L	day	...				73	12	12	2	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	ORP	mv	Once a week	...	WTW pH/ ION 3310								65.3
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	700	600						600
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	1173	1037						1022
Remark:													