



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 19-04-2024

Test No: 1746

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: 08:59 AM	Sampling Time: 09:30 AM	Sampling Time: 09:48 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			31.6	31.5	30.2	30
2	pH		day	6.5-8.5				8.15	8.02	7.88	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	49.2	12.2	11.4	1.56	0.9	0.36
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			91	21	11	0
5	Suspended Solid	mg/L	day	...				37	14	14	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			500	500		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	880.4	864.2				
Remark:											