



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-03-2024

Test No: 1720

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: 10:30 AM	Sampling Time: 10:39 AM	Sampling Time: 10:50 AM	Sampling Time: 11:22 AM	Sampling Time: 11:35 AM	Sampling Time: 11:42 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29	28.9	27.5	27.2
2	pH		day	6.5-8.5				8.13	8.02	7.88	7.82
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	60.7	13	12.9	1.57	0.58	0.68
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			108	37	15	14
5	Suspended Solid	mg/L	day	...				58	18	18	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			140	120		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	391.9	315.7	120	309.9		
Remark:											