



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-03-2024

Test No: 1725

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: 10:05 AM	Sampling Time: 10:17 AM	Sampling Time: 10:28 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:02 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.9	28.5	27.5	27
2	pH		day	6.5-8.5				8.08	7.89	7.69	7.65
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	49.7	12.3	12.1	1.59	0.19	0.12
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			71	15	6	2
5	Suspended Solid	mg/L	day	...				37	10	10	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			320	150		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	606.8	369.1				
Remark:											