



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-04-2024

Test No: 1755

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: 08:30 AM	Sampling Time: 08:40 AM	Sampling Time: 09:05 AM	Sampling Time: 9:42 AM	Sampling Time: 09:55 AM	Sampling Time: 10:02 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			31	30.9	29.9	30.5		
2	pH		day	6.5-8.5				8.22	8.1	7.94	7.84		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	35.9	16.4	15.7	1.57	0.81	0.53		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			96	23	12	10		
5	Suspended Solid	mg/L	day	...				29	14	14	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric								260
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	910	540						530
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	1496	934.2						888.3

Remark: