



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-11-2023

Test No: 1604

Weather: Cloudy

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: 10:28 AM	Sampling Time: 10:40 AM	Sampling Time: 11:00 AM	Sampling Time: 11:38 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25	25.3	25.4	25.8
2	pH		day	6.5-8.5				8.09	7.91	7.82	7.74
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	60.4	15.2	14.9	1.98	0.55	0.25
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			86	42	14	7
5	Suspended Solid	mg/L	day	...				66	10	10	2
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Calcium	mg/L	Once a week	75	WTW PhotoFlex Turb/ Photometric						
8	ORP	mv	Once a week	...	WTW pH/ ION 3310						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	164.8	148.6				
Remark:											