



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 02-05-2024

Test No: 1759

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: 09:47 AM	Sampling Time: 10:00 AM	Sampling Time: 10:39 AM	Sampling Time: 11:20 AM	Sampling Time: 11:35 AM	Sampling Time: 11:42 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.8	30.1	29.7	29.9	
	pH		day	6.5-8.5				8.3	8.07	7.91	7.86	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	67.9	18.4	18.2	1.98	0.98	0.65	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			118	35	15	14	
5	Suspended Solid	mg/L	day	...				58	16	16	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	867.1	1022					
8	Salinity	PSU	Once a week	...								1028
9	Conductivity	µS/cm	Once a week	...								1.12
10	Resistivity	Ω-cm	Once a week	...								2097
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	490					600
Remark:												