



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-12-2023

Test No: 1626

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: 09:40 AM	Sampling Time: 09:50 AM	Sampling Time: 10:00 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	Sampling Time: 11:52 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22.7	22.8	23.1	22.9	
2	pH		day	6.5-8.5				8.01	7.87	7.79	7.71	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	33.7	12.4	12.2	1.74	0.64	0.2	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			63	27	10	6	
5	Suspended Solid	mg/L	day	...				31	10	9	1	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	193.9	179.6					
8	Salinity	PSU	Once a week	...								180.2
9	Conductivity	μS/cm	Once a week	...								0.226
10	Resistivity	Ω-cm	Once a week	...								366.8
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30	2726	40			

Remark: