



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-11-2023

Test No: 1605

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: 09:24 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:35 AM	Sampling Time: 10:50 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.2	26.2	27.5	26.5	
2	pH		day	6.5-8.5				8.2	8.12	8.02	7.95	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	72.1	18.5	18	1.8	0.59	0.2	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			85	25	9	6	
5	Suspended Solid	mg/L	day	...				74	10	10	3	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	163.1	149					152.1
8	Salinity	PSU	Once a week	...								0.199
9	Conductivity	µS/cm	Once a week	...								309.4
10	Resistivity	Ω-cm	Once a week	...								3232
11	Chloride	ppm	day	150-600								Mercuric Nitrate Titration
Remark:												