



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-02-2024

Test No: 1682

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:45 AM	Sampling Time: 11:18 AM	Sampling Time: 11:30 AM	Sampling Time: 11:37 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22.3	22.4	22.3	22.6	
2	pH		day	6.5-8.5				8.12	7.89	7.79	7.7	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	49.4	12.9	12.8	1.7	0.35	0.22	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			71	19	16	14	
5	Suspended Solid	mg/L	day	...				46	7	6	0	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	197.8	188.1					
8	Salinity	PSU	Once a week	...								190.7
9	Conductivity	µS/cm	Once a week	...								0.237
10	Resistivity	Ω-cm	Once a week	...								388.2
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
Remark:												