



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-05-2024

Test No: 1773

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: 08:40 AM	Sampling Time: 08:55 AM	Sampling Time: 09:32 AM	Sampling Time: 10:25 AM	Sampling Time: 10:40 AM	Sampling Time: 10:48 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			28.4	28.7	29.7	29.6	
2	pH		day	6.5-8.5				8.14	8.05	7.94	7.81	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	88.7	26.9	26.7	1.99	0.99	0.49	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			129	35	15	4	
5	Suspended Solid	mg/L	day	...				75	23	23	4	1
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	378.1	878.7					894.9
8	Salinity	PSU	Once a week	...								0.975
9	Conductivity	μS/cm	Once a week	...								1825
10	Resistivity	Ω-cm	Once a week	...								547.9
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	200					540
Remark:												