



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-04-2024

Test No: 1752

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: 10:35 AM	Sampling Time: 09:32 AM	Sampling Time: 09:20 AM	Sampling Time: 9:40 AM	Sampling Time: 10:53 AM	Sampling Time: 11:00 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.9	29.6	29.5	30.1	
2	pH		day	6.5-8.5				8.24	7.98	7.91	7.85	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	76.5	19.6	19.4	1.89	0.92	0.56	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			103	37	15	9	
5	Suspended Solid	mg/L	day	...				50	13	13	2	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	1029	844.1					840.1
8	Salinity	PSU	Once a week	...								0.916
9	Conductivity	µS/cm	Once a week	...								1713
10	Resistivity	Ω-cm	Once a week	...								583.6
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	530					490
Remark:												