



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-03-2024

Test No: 1703

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: 10:00 AM	Sampling Time: 10:14 AM	Sampling Time: 10:18 AM	Sampling Time: 10:25 AM	Sampling Time: 10:38 AM	Sampling Time: 10:43 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24.3	23.8	23.7	24.6	
2	pH		day	6.5-8.5				8.18	7.95	7.89	7.76	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	65	15.9	15.7	1.43	0.38	0.12	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			91	22	12	3	
5	Suspended Solid	mg/L	day	...				44	14	14	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	246.2	219					218.8
8	Salinity	PSU	Once a week	...								0.265
9	Conductivity	µS/cm	Once a week	...								445.6
10	Resistivity	Ω-cm	Once a week	...								2244
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	70					40
Remark:												