



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 01-02-2024

Test No: 1668

Weather: Mostly Cloudy

Sl No	Test Item	Unit	Frequency	Detection limit (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: 09:40 AM	Sampling Time: 09:50 AM	Sampling Time: 10:03 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			21.9	22.4	22.3	22.1	
2	pH		day	6.5-8.5				8.07	7.81	7.76	7.67	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	49.9	13.4	13.1	1.86	0.59	0.19	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			77	27	15	4	
5	Suspended Solid	mg/L	day	...				41	10	10	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	Once a week	1000	Orion Star™ A222 & A322	188.5	178.6					
8	Salinity	PSU	Once a week	...								181.2
9	Conductivity	µS/cm	Once a week	...								0.227
10	Resistivity	Ω-cm	Once a week	...								368.8
11	Chloride	ppm	day	150-600								Mercuric Nitrate Titration
Remark:												