



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-07-2024

Test No: 1842

Weather: Cloudy

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: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 11:18 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.7	27.7	27.3	27.5	
2	pH		day	6.5-8.5				7.9	7.4	7.6	7.6	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	465	128	115	1.93	0.53	0.26	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	24	14	13	
5	Suspended Solid	mg/L	day	...				446	105	105	2	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	107.8	118.1					
8	Salinity	PSU	Once a week	...								132.9
9	Conductivity	µS/cm	Once a week	...								0.181
10	Resistivity	Ω-cm	Once a week	...								270.3
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	50					
Remark:												