



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-06-2024

Test No: 1814

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: 09:45 AM	Sampling Time: 09:55 AM	Sampling Time: 10:05 AM	Sampling Time: 10:25 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.1	26.4	26.8	26.9	
2	pH		day	6.5-8.5				8.3	7.8	7.7	7.5	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	245	33.5	32.5	1.59	0.87	0.19	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			173	19	6	1	
5	Suspended Solid	mg/L	day	...				240	27	27	1	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	119.7	280.9					
8	Salinity	PSU	Once a week	...								297.2
9	Conductivity	μS/cm	Once a week	...								0.344
10	Resistivity	Ω-cm	Once a week	...								605.5
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	40					170
Remark:												