



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 30-06-2024

Test No: 1817

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: 09:54 AM	Sampling Time: 10:05 AM	Sampling Time: 10:20 AM	Sampling Time: 10:55 AM	Sampling Time: 11:10 AM	Sampling Time: 11:20 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.5	26.9	26.2	28		
2	pH		day	6.5-8.5				7.9	7.5	7.5	7.5		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	95.9	35.4	34.9	1.93	0.31	0.27		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			184	45	2	2		
5	Suspended Solid	mg/L	day	...				91	31	31	4	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration						90		
8	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric						94		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	140	140
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						102.9	248	257.4
Remark:													