



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 14-07-2024

Test No: 1831

Weather: Partly 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: 09:20 AM	Sampling Time: 09:30 AM	Sampling Time: 10:00 AM	Sampling Time: 10:30 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM						
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.9	29.2	29.3	29.1						
2	pH		day	6.5-8.5				8.1	7.7	7.9	7.8						
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	322	84	82.1	1.95	0.37	0.34						
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			500	22	13	10						
5	Suspended Solid	mg/L	day	...				299	88	88	1	1	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												
8	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric	84											
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	70						121				
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	104.7	140.3						70				
160.8																	
Remark:																	